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# ANNUAL REPORTS

OF THE

SUSQUEHANNA COAL CO.

MINERAL RAILROAD AND MINING CO.

SUMMIT BRANCH RAILROAD CO.

LYKENS VALLEY COAL CO.

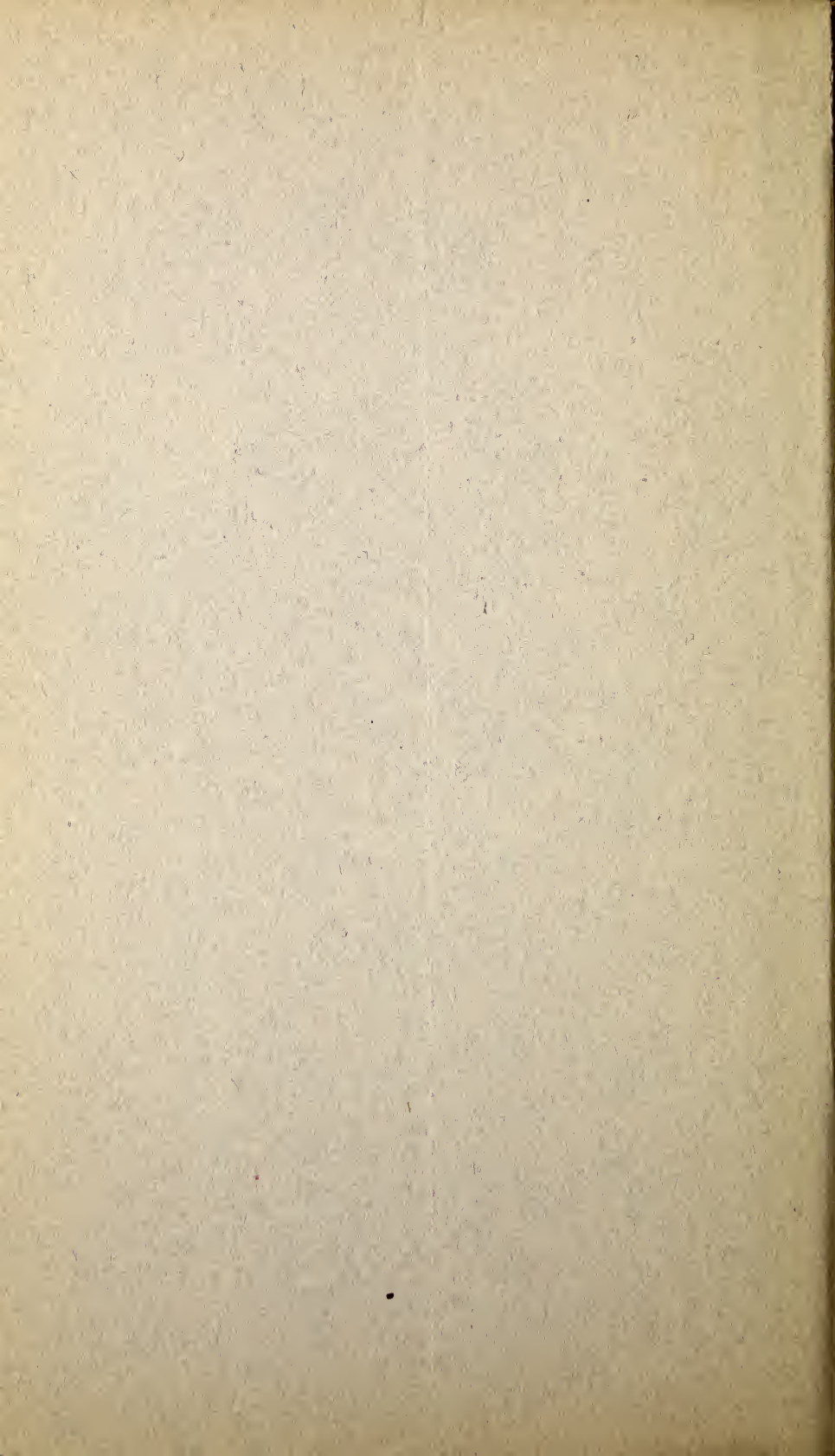
FOR THE YEAR 1884.

PHILADELPHIA:

REVIEW PRINTING HOUSE, N. W. COR. WALNUT AND FOURTH STS.

1885.

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SIXTEENTH

ANNUAL REPORT

OF THE

SUSQUEHANNA COAL Co.

FOR THE YEAR 1884.

PHILADELPHIA:

REVIEW PRINTING HOUSE, N. W. CORNER WALNUT AND FOURTH STREETS.

1885.

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SUSQUEHANNA COAL COMPANY.

*Officers Elected for 1885.*

*President,*

GEORGE B. ROBERTS.

*Vice-President,*

ISAAC J. WISTAR.

*Directors:*

GEORGE B. ROBERTS,  
ISAAC J. WISTAR,  
JOHN P. GREEN,  
A. J. CASSATT,

WISTAR MORRIS,  
N. P. SHORTRIDGE,  
J. N. DuBARRY,  
EDMUND SMITH,

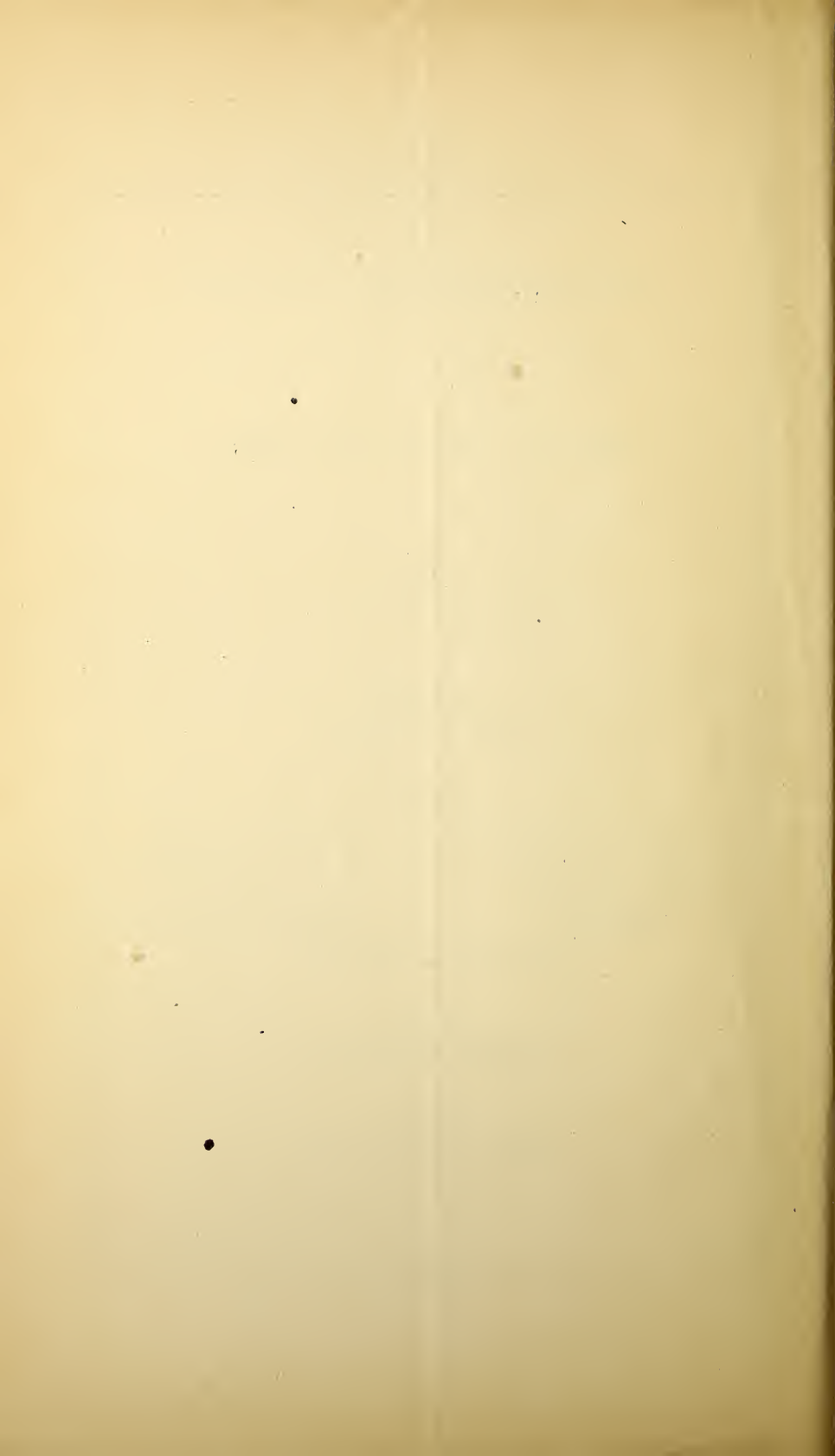
WILLIAM J. HOWARD.

*Secretary,*

ALFRED MORDECAI.

*Treasurer,*

THOS. P. HAVILAND.



# THE SUSQUEHANNA COAL COMPANY.

## SIXTEENTH ANNUAL REPORT: FOR 1884.

The following annual report of the operations of the Company during the year 1884 is respectfully submitted in the usual form and sequence:—

### PRODUCTION AND SHIPMENTS.

	Tons.	Cwt.
Shipped by Pennsylvania Canal, (32.41 per cent.),	418,069.00	
Shipped east by Belvidere Delaware Railroad, . . . . (15.30 per cent.),	197,418.16	
Shipped south by Delaware, Lackawanna and Western Railroad, and Northern Central Railway, . . . . (0.45 per cent.),	5,814.07	
Shipped south by N. & W. Branch Railway, . . . . (51.84 per cent.),	668,820.05	
Total shipments, . . . . .	1,290,122.08	
Sold at retail by Company's officers, . . . .	13,715.10	
Total shipments and retail sales, . . . .	1,303,837.18	
<i>Carried forward,</i>	1,303,837.18	

	Tons.	Cwt.
<i>Brought forward,</i>	1,303,837.18	
	Tons.	Cwt.
Coal on hand at mines, Dec. 31, 1883,	15,662.00	
“ “ “ Dec. 31, 1884,	11,148.00	
Decreased stocked coal in 1884, . . . .	4,514.00	
Total effective production (less Company's consumption), . . . . .	1,299,323.18	
Increased production over 1883, (16.08 per cent.),	180,003.05	

#### COAL ON HAND, DECEMBER 31, 1884.

	1884.	1883.
	Tons. Cwt.	Tons. Cwt.
At South Amboy, . . . . .	28,556.04	31,473.13
At Delaware City, . . . . .	. . . . .	4,349.00
At mines, . . . . .	11,148.00	15,662.00
At Canton Pier, . . . . .	638.03	. . . . .
At Greenwich, . . . . .	369.03	. . . . .
	<u>40,711.06</u>	<u>51,482.13</u>
Decrease on hand from 1883, . . . . .		<u>10,771.07</u>

#### SALES.

	Tons.	Cwt.
Sold by Commission Agents, . . . . .	1,253,725.08	
Sold by Company, . . . . .	44,484.15	
Sold by retail, . . . . .	13,715.10	
Total sales in 1884, . . . . .	<u>1,311,925.13</u>	

The commissions per ton on the whole quantity marketed averaged 14.70 cents, and included all expenses of sale and collections. The same average in 1883 was 15.36 cents.

(The aggregate selling and collecting expenses of all coal, from all companies under the same management, averaged per ton, in 1884, 15.17 cents, against 15.24 cents in 1883.)



## RECEIPTS AND EXPENSES.

The gross receipts from sales were . . .	\$4,641,810.27
Less freights paid, . . .	\$1,952,960.21
Less shipping expenses, . . .	75,776.35
Less commissions, . . .	192,922.91
Less allowances, . . .	462.81
	<u>2,222,122.28</u>
Receipts from sales at breakers, . . .	\$2,419,687.99

EXPENSES—*Outside.*

Cents per Ton.

Insurance, . . .	.00.32	\$4,209.99
Legal expenses, . . .	.00.11	1,515.35
Live stock, . . .	.01.76	22,934.90
Office expenses, rents, &c., . . .	.00.16	2,074.31
Preparing coal, . . .	.11.36	147,676.81
Repairs and general ex- penses, . . .	.06.99	90,829.51
Royalties, . . .	.01.44	18,709.03
Shops and repairs, . . .	.00.18	2,420.96
Stable expenses (34 <sup>4</sup> / <sub>10</sub> cents per day per head), . . .	.03.45	44,898.90
Stationery and printing, . . .	.00.15	1,970.91
Stock coal expenses, . . .	.00.80	10,398.87
Superintendence and clerks, . . .	.01.85	24,081.72
Taxes, . . .	<u>.00.98</u>	<u>12,842.91</u>
	29.55	\$384,564.17

EXPENSES—*Inside.*

Cents per Ton.

Air and gangways, . . .	.03.28	\$42,722.04
Cars, slope and drift, . . .	.01.51	18,655.52
Cross-headings and chutes, . . .	<u>.03.25</u>	<u>42,274.14</u>
	08.04	\$103,651.70

Carried forward, \$488,215.87 \$2,419,687.99

Brought forward, \$488,215.87 \$2,419,687.99

Cents per Ton.

Exhaustion of lands, . . . . .	.07.56	98,267.15
Mining coal, . . . . .	.49.52	643,480.10
Repairs and general ex- penses, . . . . .	.30.58	397,324.50
Timber and props, . . . . .	.07.22	93,876.52

\$1,336,599.97

Improvement expenses,  
(exclusive of Newport  
Colliery), . . . . .

.10.53

136,805.75

105.21  
29.55  
05.04  
142.00

1,857,969.89

\$561,718.10

Deduct for decrease in value and  
quantity of coal at mines and  
shipping points, . . . . .

\$34,526.58

Add for increase in value of per-  
sonal property, per inventory,

8,144.93

26,381.65

Net profits from coal, . . . . .

\$535,336.45

(Fractions of cents omitted.)	1884.	1883.	Increase.	Decrease.
Average receipts per ton at mines, . . . . .	\$1.84	\$1.85	. . .	.01
Average cost per ton at mines, . . . . .	1.43	1.50	. . .	.07
Net profit (on mining) per ton at mines, . . . . .	.41	.35	.06	. . .

The actual cost of mining, preparing, and shipping, exclusive of royalties, taxes, insurance, and exhaustion of lands, was as follows, viz.:

In 1877, per ton,	. . . . .	\$1.13.62
In 1878, “	. . . . .	1.04.34
In 1879, “	. . . . .	.94.98
In 1880, “	. . . . .	1.20.99
In 1881, “	. . . . .	1.22.00
In 1882, “	. . . . .	1.43.00
In 1883, “	. . . . .	1.37.84
In 1884, “	. . . . .	1.32.69

#### INCIDENTAL RECEIPTS.

Rents, . . . . .	\$37,649.91	
Percentage on collections, . . . . .	14,560.88	
Interest on surface lot liens, . . . . .	2,870.19	
Bridge tolls, . . . . .	28,256.55	
Profit on supplies, . . . . .	72,226.07	
Interest on house and lot account, . . . . .	7,090.85	
Royalties, . . . . .	676.30	
	<hr/>	\$163,330.75

#### INCIDENTAL EXPENSES.

Bridge repairs and management, . . . . .	\$2,810.37	
House repairs, . . . . .	17,351.25	
	<hr/>	20,161.62
Net profits from miscellaneous sources, . . . . .	\$143,169.13	
Add net profit on coal, as above, . . . . .	535,336.45	
Net profit on all operations, . . . . .	<hr/>	<u>\$678,505.58</u>

The last-named sum being equivalent to 52.22 cents per ton on 1,299,323 $\frac{1}{2}$  tons mined, was, after providing for interest on bonds, a fair return on the capital stock, and is a legitimate profit, fairly available in reduction of, or as interest on, the

capital employed, the exhaustion of lands having been fully provided for, and all improvements of every kind included in mining expenses.

Of this net amount, \$68,800.24 has been loaned to the North and West Branch Railway Company, bearing interest at the rate of five per cent. per annum, to be returned by monthly credits in freights; and \$179,142.80 has been added to the investment in the new enterprise of Newport Colliery, for the productive improvement of the 2,312 acres of the Company's lower property, which is treated in another part of this report.

The Construction Expenditures during the year were as follows:—

	Outside.	Inside.	Total.
Shaft No. 1, . . . .	\$11,487.91	\$19,173.65	\$30,661.56
Slope No. 1, . . . .	5,146.32	5,642.86	10,789.18
Shaft No. 2, . . . .	9,277.04	5,224.39	14,501.43
Slope No. 2, . . . .	2,411.79	. . . .	2,411.79
Slope No. 3, . . . .	3,420.36	10,914.19	14,334.55
Slope No. 4, . . . .	9,695.01	. . . .	9,695.01
Breaker No. 2, . . . .	318.87	. . . .	318.87
Breaker No. 3, . . . .	300.00	. . . .	300.00
Breaker No. 5, . . . .	779.54	. . . .	779.54
Coal separator, . . . .	8,983.95	. . . .	8,983.95
New supply store, . . . .	5,156.29	. . . .	5,156.29
New store warehouse, . . . .	4,153.95	. . . .	4,153.95
Newport Colliery, . . . .	118,367.24	60,994.56	179,361.80
	\$179,498.27	\$101,949.65	\$281,447.92

A comparison of this class of expenditure with the annual tonnage capacity, continues to show a steady reduction of the proportion of capital invested in plant, *per ton of effective annual productive capacity*, and there is no reason to doubt that

such diminution will continue until the original plans for developing the entire property shall have been brought into full operation. As indicated in last year's report, this ratio has already, by the constantly increasing tonnage capacity, been brought much below the standard originally estimated for.

### THE YARDAGE

was 12,833 $\frac{1}{3}$  yards, costing \$42,722.04, or \$3.22 $\frac{9}{10}$  per yard, against 12,859 $\frac{1}{3}$  yards, costing \$43,357.58, or \$3.37 per yard in 1883.

The amount of freight and tolls paid to the several transportation lines in the same interest was as follows, viz.:—

Tolls to Pennsylvania Canal, . . . . .	\$240,129.11
Northern Central and Pennsylvania R. R., south, . . . . .	623,278.25
Belvidere Delaware and C. & A., east, . . . . .	201,526.01
Pennsylvania Railroad to South Amboy, . . . . .	266,838.59
P. R. R. points, west of Sunbury and Ohio wharf, . . . . .	120,325.85
P. R. R. to Greenwich and Canton piers, . . . . .	79,515.77
P. R. R., motive power, Nanticoke bridge, . . . . .	2,904.49
	<hr/>
	\$1,534,518.07

The same aggregate in 1883, was . . . . . 1,344,457.91

Increase in 1884, . . . . . \$190,060.16

### BREAKER WORK IN 1884.

	Days Worked.	Tons put Through.	Daily Averages. Tons. Cwt.
Breaker No. 1,	299 $\frac{65}{100}$	199,021.15	664.04
Breaker No. 2,	299 $\frac{50}{100}$	443,298.10	1,482.12
Breaker No. 3,	279 $\frac{70}{100}$	150,372.14	537.12
Breaker No. 5,	295 $\frac{95}{100}$	506,630.19	1,711.18
	<hr/>	<hr/>	<hr/>
		1,299,323.18	4,396.06
Aggregate daily production in 1883, . . . . .			3,791.14
Increased daily production in 1884, . . . . .			<u><u>604.12</u></u>



### QUANTITY AND SIZES SHIPPED.

				Tons. Cwt.
Lump,	06.8 per cent.,	.	.	87,938.16
Broken,	09.8	"	.	126,292.05
Egg,	14.2	"	.	182,565.01
Stove,	35.5	"	.	457,988.12
Chestnut,	19.6	"	.	252,645.01
Pea,	12.4	"	.	161,040.09
Buckwheat,	01.4	"	.	18,399.11
Culm,	00.3	"	.	3,252.13
	100.0	"	.	1,290,122.08

There is not so much significance in the changes above indicated, from the less saleable to the more saleable sizes, as had been hoped for. But it is to be noted, that owing to the depression in the iron and other manufactures, the effort this year has been to modify the sizes produced, in exactly an opposite direction to that sought for during the previous year. The economy effected by the production of the size called "buckwheat" is important, and has justified the construction of a buckwheat separator, now about completed, which it is believed will show excellent and permanent results, since whatever may be realized from it will be saved from the waste heap alone.

### CASUALTIES.

Twenty-six (26) men and boys were killed during the year, and sixty-one (61) injured.

Seventy-five (75) mules were killed or died from injuries received.

A fire on the west side of the river, July 4th, destroyed the old "Harvey" store, that had been converted into dwellings, involving a loss estimated at \$2,726.89, upon which an insurance of \$1,500 was received.

## ROYALTIES AND EXHAUSTION OF LANDS.

There were mined from lands held in fee, 1,147,125 $\frac{5}{20}$  tons, and from leaseholds, 152,198 $\frac{13}{20}$  tons. Total, 1,299,323 $\frac{18}{20}$  tons.

The assumed charge of ten cents per ton for all sizes above pea mined from freehold lands, produced \$98,267.15, which, as heretofore (since 1877, inclusive) was credited to Real Estate Account, and was equal to an average of 8.6 cents per ton on the production from freehold lands, and 7.56 cents on all coal mined.

The royalty paid on all sizes mined from leaseholds, amounted to \$18,709.03, being an average of 12.3 cents per ton, including pea, equal to 1.44 cents on all coal mined.

The total average per ton for royalties and exhaustion on all coal mined was 9.0 cents, against 10.4 cents in 1883. The peculiarity observable in this statement is fully explained in the Superintendent's report.

The Real Estate Account is being steadily reduced by crediting it with the exhaustion charge of ten cents per ton, and with the proceeds of surface lots sold. The exhaustion charge alone has since 1877 reduced it by the aggregate amount of \$505,848.97. That amount not yet having been applied to the reduction of the stock-capital or funded debt, remains in the treasury in cash, and has never been included in any estimate of profit. If the mining of the lands be prosecuted continuously to exhaustion, as the most economical administration of the property requires, it will doubtless prove to be an excessive estimate, but is on the safe side, and after it shall have fully performed its office of replacing all the lands and improvements exhausted or no longer valuable, the appropriation may be then reduced or discontinued as the responsible authorities may then determine. No change is therefore recommended in the system, but the best method of investing the accumulating amount would seem to challenge an early decision.

## HOUSE AND LOT ACCOUNT.

A full explanation of this account was given in the last annual report. There is nothing now to add except the following additional figures, viz.:—

Houses and lots sold in 1884, amounting to . . .	\$4,246.80
Amount of principal paid in 1884, . . . . .	8,490.27
Amount of interest paid in 1884, . . . . .	7,040.85
Amount of principal due 1st January, 1885, . . .	58,589.33
Amount of interest due 1st January, 1885, . . .	<u>689.05</u>

## SURFACE LOTS.

The collections on this account were as follows:

From principal, . . . . .	\$11,597.07
From interest, . . . . .	2,769.19
Total, . . . . .	<u>\$14,366.26</u>

The amount of principal now due the Company on this account is \$43,633.83.

## FUNDED DEBT AND SINKING FUND.

The only liability of the Company, except its capital stock (\$2,136,800), now existing, is its mortgage debt of \$2,000,000, of which \$167,000 has been purchased and is held by the sinking fund, as appears by the annexed statement ("E") of the Treasurer. Of these bonds, when purchased at a premium, the par value only is charged to this fund, the premium being charged to Profit and Loss Account.

## DIVIDEND.

The usual dividend of six per cent. on the capital stock, amounting to \$128,208, was declared and paid in December, together with the State tax thereon.

## NEWPORT COLLIERY.

The condition of this improvement at the date of the last annual report was then fully stated.

The shaft is now down  $494\frac{1}{2}$  feet, and has cut  $26\frac{5}{12}$  feet of good mineable coal, fairly distributed in four seams, besides other small seams too thin for present value.

The tunnel has been made by an open cut for two tracks to the solid rock, and thence driven  $942\frac{1}{2}$  feet, cutting in the first 508 feet,  $16\frac{6}{12}$  feet of mineable coal, well divided in three seams, and at 508 feet on an anticlinal axis, a seam of coal on the axis the thickness of which is not yet determined. It then crosses a small basin, and in the face has a south dip, as shown on the section prepared by the engineer and herewith submitted, and will soon cut other workable seams. The second opening is on the third seam, and is now driven  $358\frac{1}{2}$  feet towards the surface.

For the slope to work the upper seams, an open cut has been made through surface-wash and soft rock to a six foot seam of good coal, and thence a short tunnel driven to an eight foot seam of good coal on which the slope will be sunk.

A separate brick iron-roofed boiler house has been constructed to contain twenty-four 30-inch by  $41\frac{1}{2}$ -foot boilers, eighteen of which are in place, with stacks and fixtures complete. A pump with proper steam and column pipe is in position in a lodgment in the shaft. A large amount of external grading has been done, and the breaker is framed and half raised on substantial stone foundations. The engine is in place. Nearly all the lumber is on the ground and paid for, also some of the machinery and other materials, and most of the remainder under contract. A brick iron-roof boiler house, with twelve 30-inch by  $41\frac{1}{2}$ -foot boilers, is completed and in use for supplying steam for compressors used in driving the tunnel. A frame supply house 28 by 40 feet, and a frame stable 36 by 82 feet are completed. The necessary shifting houses, powder magazines, smith and carpenter shops, and



other small buildings are finished and in use. Also temporary arrangements for a water supply. A plank boarding-house 18 by 40 feet; twenty substantial double miner's houses; two good dwellings for foremen, etc., etc.

The expenditure to date has been as follows, viz.:—

	Outside.	Inside.	Total.
In 1883, . . .	\$10,977.07	\$9,399.34	\$20,376.41
In 1884, . . .	118,148.24	60,994.56	179,142.80
Totals, . . .	<u>\$129,125.31</u>	<u>\$70,393.90</u>	<u>\$199,519.21</u>

The details are exhibited in the Engineer's report annexed.

No considerable change has been made during the year in the organization. The excellence of the local management is plainly evinced by many facts which could be but briefly stated in this report.

Besides officials, contractors and clerks, the number of employees on the pay-rolls at the close of 1884 was 2,972, whose relations with the Company have been harmonious throughout the year.

Respectfully submitted  
on behalf of the Board of Directors,

I. J. WISTAR, *Vice-President.*

PHILADELPHIA, January 28, 1885.



# SUSQUEHANNA COAL COMPANY.

*Comparative Statement of Expenses for the Twelve Months of 1884, with the same period of 1883.*

	1884.	1883.	Increase.	Decrease.
Bridge, . . . . .	\$2,810.37	\$1,908.33	\$902.04	. . . . .
Freight, . . . . .	1,952,960.21	1,782,799.39	170,160.82	. . . . .
House Repairs, . . . .	17,351.25	10,807.33	6,543.92	. . . . .
Insurance, . . . . .	4,209.99	3,762.25	447.74	. . . . .
Legal expenses, . . . .	1,515.35	214.92	1,300.43	. . . . .
Live stock, . . . . .	22,934.90	16,169.50	6,765.40	. . . . .
Office expenses, rents, &c.	2,074.31	1,420.39	653.92	. . . . .
Preparing coal, . . . .	147,676.81	137,891.51	9,785.30	. . . . .
Repairs and general ex- penses, outside, . . . .	90,829.51	74,198.20	16,631.31	. . . . .
Royalties, . . . . .	18,709.03	30,356.91	. . . . .	\$11,647.88
Shops and repairs, . . .	2,420.96	2,338.61	82.35	. . . . .
Stable expenses, . . . .	44,898.90	44,953.72	. . . . .	54.82
Stationery and printing,	1,970.91	1,384.34	586.57	. . . . .
Stock coal expenses, . .	10,398.87	10,143.06	255.81	. . . . .
Superintendence and clerks, . . . . .	24,081.72	20,935.21	3,146.51	. . . . .
Taxes, . . . . .	12,842.91	12,168.09	674.82	. . . . .
Airways and gangways, Cars—slope and drift, .	42,722.04	45,282.56	. . . . .	2,560.52
Cross-headings & chutes,	18,655.52	20,258.36	. . . . .	1,602.84
Exhaustion of lands, . .	42,274.14	37,699.36	4,574.78	. . . . .
Mining, . . . . .	98,267.15	88,077.26	10,189.89	. . . . .
Repairs and general ex- penses, inside, . . . .	643,480.10	569,937.22	73,542.88	. . . . .
Timber and props, . . .	397,324.50	355,761.52	41,562.98	. . . . .
Allowances, . . . . .	93,876.52	68,250.05	25,626.47	. . . . .
Commissions, . . . . .	462.81	1,014.54	. . . . .	551.73
Shipping expenses, . . .	192,922.91	168,035.07	24,887.84	. . . . .
Breakers, . . . . .	75,776.35	69,410.56	6,365.79	. . . . .
Cars, . . . . .	. . . . .	65.45	. . . . .	65.45
General improvement, . .	11,780.00	10,384.55	1,395.45	. . . . .
Houses, . . . . .	60,984.85	50,138.41	10,846.44	. . . . .
Railroad iron, ties, &c.,	5,156.29	. . . . .	5,156.29	. . . . .
Shafts, . . . . .	14,625.00	17,488.90	. . . . .	2,863.90
Shops, . . . . .	24,398.04	42,565.60	. . . . .	18,167.56
Slopes, . . . . .	. . . . .	362.16	. . . . .	362.16
Total, . . . . .	19,861.57	14,942.76	4,918.81	. . . . .
	\$4,100,253.79	\$3,711,126.09	\$427,004.56	\$37,876.86
Net increase, . . . . .			\$389,127.70	

	COAL MINED.	COAL SOLD.
	Tons. Cwt.	Tons. Cwt.
For twelve months ending December 31, 1884, . .	1,297,729.18	1,311,925.13
For same months of 1883, . . . . .	1,117,015.13	1,093,659.03
Increase, . . . . .	180,714.05	218,266.10

WILLIAM HACKER, Auditor.

"A."

## SUSQUEHANNA COAL COMPANY.

*Cash Account for year ending December 31, 1884.*

### RECEIPTS.

Balance of cash December 31, 1883, . . . . .	\$108,710.82
From Sales agents for coal sold, . . . . .	\$4,362,683.47
" Coal sold by officers of the Company, . . . . .	127,436.49
" Rents and miscellaneous sources, . . . . .	36,164.81
" Individuals and companies, . . . . .	47,431.19
" Liens on surface lots sold, . . . . .	8,235.01
" Tolls on Nanticoke bridge, . . . . .	29,597.24
" House and lot account—sales of new houses, . . . . .	2,558.51
" Interest on loans, . . . . .	27,434.36
" Real Estate, . . . . .	2,541.33
" Newport Colliery—amount of insurance re- covered for loss by fire, . . . . .	219.50
	<u>4,644,301.91</u>
	<u>\$4,753,012.73</u>

### DISBURSEMENTS.

Paid Interest on bonds, . . . . .	\$107,370.00
" Pay-rolls—wages of employes, . . . . .	984,068.89
" Vouchers, current supplies, freight, etc., . . . . .	3,041,660.37
" Interest on mortgages, . . . . .	262.81
" Pennsylvania Railroad Company—loans, . . . . .	303,238.76
" Tax on capital stock for year 1883, . . . . .	6,410.40
" Sinking Fund—bonds purchased, . . . . .	8,000.00
" Nanticoke Water Company's stock, . . . . .	9,000.00
" Nanticoke Water Company, . . . . .	918.00
" Profit and Loss, . . . . .	292.94
" Dividend No. 4, . . . . .	128,208.00
" North and West Branch Railway Co.'s loan, . . . . .	68,800.24
	<u>\$4,658,230.41</u>
Balance of Cash, December 31, 1884, . . . . .	94,782.32
	<u>\$4,753,012.73</u>

T. P. HAVILAND, *Treasurer.*

"B."

## SUSQUEHANNA COAL COMPANY.

*General Income Account for year ending December 31, 1884.*

## SOURCES OF INCOME.

## Gross Earnings.

From Coal sold by agents, . . . . .	\$4,473,935.01	
“ Coal sold by officers of the Company, . . . .	167,875.26	
Total receipts for coal, . . . . .	\$4,641,810.27	
From Tolls over Nanticoke bridge, . . . . .	28,256.55	
“ Rents, . . . . .	37,649.91	
“ Interest on surface lots sold, . . . . .	2,870.19	
“ Interest on House and Lot Account, . . . .	7,090.85	
“ Percentage on store collections, . . . . .	14,560.88	
“ Profits on materials sold, . . . . .	72,226.07	
“ Interest and Discount—balance of account, .	25,930.53	
“ Royalty, . . . . .	676.30	
“ Insurance from loss by fire, . . . . .	1,500.00	
		<u>\$4,832,571.55</u>

## EXPENSES.

Cost of mining, freight, and general expenses, including charge of ten cents per ton to cover exhaustion of lands by mining, . . . . .	\$3,831,091.72	
Selling commissions and shipping expenses, . . . .	269,162.07	
Operating expenses, . . . . .	\$4,100,253.79	
Tax on capital stock, . . . . .	6,410.40	
Total expenses, . . . . .	\$4,106,664.19	
Net receipts from all sources, . . . . .	\$725,907.36	
From which deduct :		
Interest on funded debt for 1884, . . . . .	\$110,220.00	
Interest on mortgages, . . . . .	262.81	
Dividend of 6 per cent., . . . . .	128,208.00	
Total charges other than operating, . . . . .	238,690.81	
Balance for year transferred to credit of Profit and Loss account, .	\$487,216.55	

T. P. HAVILAND, *Treasurer.*

"C."

## SUSQUEHANNA COAL COMPANY.

*Profit and Loss Account for year ending December 31, 1884.*

CR.

1884.

Jan. 1.	By balance as per last report, December 31, 1883, . . . . .	\$744,224.15
Mar. 11.	By coupons—interest on bonds in Sinking Fund, that account having been closed,*	9,090.00
May 31.	By check stamps redeemed, . . . . .	23.01
Aug. 31.	By unclaimed wages, . . . . .	344.05
Dec. 31.	By increased value of personal property, . . . . .	5,798.09
	By balance of Income Account, . . . . .	487,216.55
		<u>\$1,246,695.85</u>

DR.

1884.

Nov. 30.	To eight bonds bought for Sinking Fund,	\$8,000.00
Nov. 30.	To premium and commission on eight bonds bought for the Sinking Fund, . .	660.00
Dec. 31.	To decreased value of stock coal, . . .	33,556.17
	To balance to credit new account, . . .	1,204,479.68
		<u>\$1,246,695.85</u>

\* NOTE.—Amount charged coupons and credited interest on bonds in Sinking Fund, now credited coupons, said coupons having been canceled, and with the 159 bonds, are ready for delivery to Trustee, and the "interest on bonds in Sinking Fund account" closed (\$9,090).

T. P. HAVILAND, *Treasurer.*

"D."

## SUSQUEHANNA COAL COMPANY.

*General Account for year ending December 31, 1884.*

ASSETS.	Increase from Dec. 31, 1883.	Decrease from Dec. 31, 1883.
Real estate, December 31, 1884, . . . . .	\$2,461,623.25	
Construction—general improvement, . . . . .	1,311,672.41	
Personal property, tools, appliances, etc., . . . . .	235,761.73	\$5,798.09
Due from Pennsylvania Railroad Company, . . . . .	750,000.00	303,238.76
Due from sales agents and others, December sales, . . . . .	365,355.37	124,336.21
Due from Superintendent, . . . . .	1,000.00	
Value of materials on hand in supply store, . . . . .	28,310.58	1,338.61
Value of stocked coal, . . . . .	110,726.92	
Nanticoke Water Company's stock, . . . . .	10,000.00	9,000.00
Due from individuals and companies, . . . . .	2,009.53	3,561.24
Liens against surface lots sold, . . . . .	41,848.97	15,337.93
Newport Colliery, . . . . .	199,519.21	179,142.80
Cost of houses erected, . . . . .	32,049.01	8,729.27
North and West Branch Railway Company loan, . . . . .	68,800.24	68,800.24
Cash, . . . . .	94,782.32	13,928.50
	<u>\$5,713,459.54</u>	
LIABILITIES.		
Capital Stock, . . . . .	\$2,136,800.00	
Interest on mortgage bonds due January 1, 1885, . . . . .	58,470.00	2,850.00
Unpaid wages—December, . . . . .	87,072.57	24,528.83
Unpaid bills—December, . . . . .	226,637.29	50,726.27
Bonds redeemed, . . . . .	167,000.00	167,000.00
Profit and Loss—balance of account, . . . . .	1,204,479.68	460,255.53
Bonded debt—mortgage bonds, . . . . .	1,833,000.00	167,000.00
	<u>\$5,713,459.54</u>	

T. P. HAVILAND, *Treasurer.*



“ E.”

## SUSQUEHANNA COAL COMPANY.

*Condition of Sinking Fund, December 31, 1884.*

Appropriation per terms of mortgage to July 31, 1885, . . . . .	\$174,000.00
Number of bonds in Sinking Fund, December 31, 1883:	
159 bonds, at \$1,000 each, . . . . .	\$159,000.00
Bought in 1884:	
8 bonds at 108, and commission, . . . . .	8,660.00
167 bonds, cost, . . . . .	\$167,660.00
Cash—balance remaining on hand for investment, . . . . .	6,340.00
	<u>\$174,000.00</u>

Average cost per bond, \$1,003.95.

These bonds, with coupons attached, have been canceled, and delivered to Trustee according to terms of mortgage.

Bonds bought at a price above par—*par value* charged to Sinking Fund—balance to Profit and Loss.

T. P. HAVILAND, *Treasurer.*

# ANNUAL REPORT

OF THE

## MINERAL RAILROAD AND MINING

COMPANY.

---

FOR THE YEAR 1884.

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PHILADELPHIA:

REVIEW PRINTING HOUSE, N. W. CORNER WALNUT AND FOURTH STS.

1885.



# MINERAL RAILROAD AND MINING CO.

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## *Officers Elected for 1885.*

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*President,*  
GEORGE B. ROBERTS.

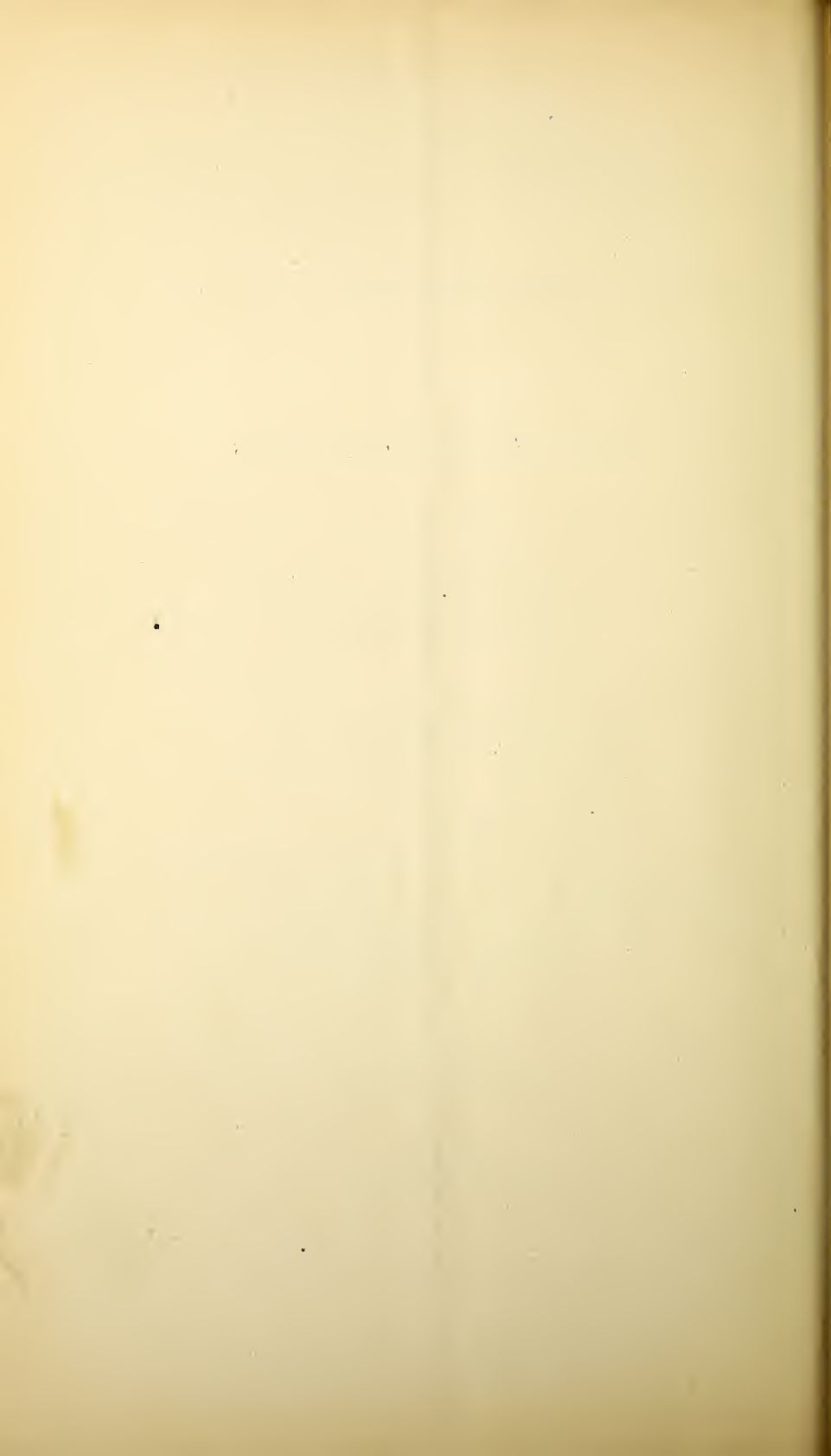
*Vice-President,*  
ISAAC J. WISTAR.

### *Directors :*

ISAAC J. WISTAR,	N. PARKER SHORTRIDGE,
EDMUND SMITH,	A. J. CASSATT,
WISTAR MORRIS,	J. N. DuBARRY,
GEORGE B. ROBERTS,	JOHN P. GREEN,
WILLIAM J. HOWARD.	

*Secretary,*  
ALFRED MORDECAI.

*Treasurer,*  
THOS. P. HAVILAND.





# MINERAL RAILROAD AND MINING COMPANY.

## ANNUAL REPORT FOR 1884.

The following annual report of the operations of the Company during the year 1884 is respectfully submitted:—

### PRODUCTION AND SHIPMENTS.

	Tons.	Cwt.
Shipped by Pennsylvania Canal, . . . . .	1,349.	13
“ South by Northern Central Railway, . . . . .	113,524.	04
“ West by Pennsylvania and Philadelphia and Erie Railroads, . . . . .	34,471.	18
“ East by Pennsylvania Railroad, . . . . .	128,341.	02
“ South Amboy, . . . . .	36,382.	09
Total shipments, . . . . .	314,069.	06
Sales at Breaker (Westward), . . . . .	72,663.	11
Retail sales by Company's officers, . . . . .	13,294.	04
Total shipments and retail sales, . . . . .	400,027.	01
Coal in stock at Shamokin, December	Tons.	Cwt.
31, 1884, . . . . .	4,230.	00
Coal in stock at Shamokin, December		
31, 1883, . . . . .	2,216.	00
Increase in stocked coal, . . . . .	2,014.	00
Less overrun in car weights, . . . . .	149.	10
	1,864.	10
Total effective production in 1884, . . . . .	401,891.	11
Decreased production in 1884 (8.6 per cent.), . . . . .	37,933.	04

This decrease being of course due to the lease of part of the property made April 1, 1884.

## COAL ON HAND

December 31st—

	1884.		1883.	
	Tons.	Cwt.	Tons.	Cwt.
At Greenwich, . . . . .	.	.	1,901.16	
“ Canton Pier, . . . . .	2,300.04		2,533.05	
“ South Amboy, . . . . .	4,924.04		4,535.12	
“ Shamokin, . . . . .	4,230.00		2,216.00	
	<u>11,454.08</u>		<u>11,186.13</u>	
Increase in stocked coal in 1884, . . . . .			<u>267.15</u>	

## SALES.

	Tons.	Cwt.
Sold by commission agents, . . . . .	390,035.11	
Sold by Company's officers, . . . . .	<u>13,294.04</u>	
Total sales in 1884, . . . . .	<u>403,329.15</u>	

The commissions per ton on the whole quantity marketed (including 13,294 $\frac{4}{20}$  tons which paid no commission, and 72,663 $\frac{11}{20}$  tons sold at breakers for the commission of five cents per ton) averaged 13 $\frac{77}{100}$  cents per ton, and included all expenses of sale and collection.

(The aggregate selling and collecting expenses of all coal from all companies under the same management averaged per ton in 1884 15.17 cents, against 15.24 cents in 1883.)

## RECEIPTS AND EXPENSES.

The gross receipts from sales were . . . . .	\$1,386,261.21
Less freights paid, . . . . .	\$527,562.08
Less shipping expenses, . . . . .	10,064.62
Less commissions, . . . . .	55,538.44
Less allowances, . . . . .	<u>143.55</u>
	593,308.69
Receipts at breaker, . . . . .	<u>\$792,952.52</u>
Carried forward, \$792,952.52	

*Brought forward, \$792,952.52***EXPENSES—*Outside.***

	Cents per ton.	
Insurance, . . . .	.00.17	\$682.69
Legal expenses, . . .	.00.05	217.91
Live stock, . . . .	.02.47	9,929.23
Office expenses, . . .	.00.66	2,653.12
Preparing coal, . . .	.15.51	62,362.75
Repairs and general expenses, . . . .	.17.53	70,466.12
Royalties (including leased collieries), . .	.10.94	43,996.29
Shops and repairs, . .	.02.56	10,326.62
Stable expenses, . . .	.05.09	20,468.23
Stationery and printing,	.00.22	869.98
Stock coal expenses, . .	.	31.37
Superintendence and clerks, . . . .	.03.02	12,038.35
Taxes, . . . .	.03.22	13,035.41
		<u>\$247,078.07</u>

**EXPENSES—*Inside.***

	Cents per ton.	
Air and Gangways, . .	.15.67	\$63,009.42
Cars, slope and drift, .	.02.30	9,270.61
Cross-headings and chutes, . . . .	.07.88	31,662.47
Hoisting and pumping,	.05.03	20,216.34
Mining coal, . . . .	.49.94	200,721.58
Repairs and general expenses, . . . .	.26.40	106,099.41
Timber and props, . .	.11.51	46,287.15
		<u>\$477,266.98</u>

*Carried forward, \$724,345.05      \$792,952.52*

# IMPROVEMENTS AND GENERAL EXPENSES—

(Charged to Mining)

Brought forward, \$724,345.05 \$792,952.52

Cents per ton.

Breakers, . . . . .		
Cars, . . . . .	.01.44	\$5,803.73
General improvements, .18.80		75,593.18
Houses and house repairs, . . . . .	.01.85	7,440.64
Railroad iron, ties, &c., .03.74		15,037.56
Shops, . . . . .		7.60
Slopes, . . . . .	.03.80	15,224.75
Telegraph, . . . . .		35.35
		<u>\$119,142.81</u>
Total mining expenses, . . . . .		\$843,487.86
Excess of expenses, . . . . .		\$50,535.34
Add decrease on cost value of coal at mines and shipping points, . . . . .		5,257.14
Loss on mining, . . . . .		<u>\$55,792.48</u>

	1884.	1883.	Increase.	Decrease.
Average receipts per ton at mines, . . .	\$1.97	\$2.07	.	.10
Average cost per ton at mines, . . . .	2.10	2.15	.	.05
Net loss per ton at mines, . . . . .	.13	.08	.	.05
Cost per ton of mining and preparing coal, exclusive of royalties, legal expenses, taxes, and insurance, but including improvements and general expenses,	1.95	2.02 <sup>7</sup> / <sub>10</sub>	.	.07 <sup>7</sup> / <sub>10</sub>

## INCIDENTAL RECEIPTS.

Rents, . . . . .	\$4,321.08
Profit on supplies, . . . . .	10,354.36
Royalties received from leased Collieries, . . . . .	43,984.44
Incidentals, . . . . .	19,652.06
Net receipts from incidental sources, . . . . .	\$78,311.94
Loss on mining, as above, . . . . .	55,792.48
Net receipts from all sources, . . . . .	<u>\$22,519.46</u>

The amounts paid for freight to the several transportation companies in the same interests were:—

To Pennsylvania Railroad Company, . . . . .	\$299,737.26
To Northern Central Railway Company, . . . . .	225,200.13
To Pennsylvania Canal Co. (tolls and freight), . . . . .	488.44
	<u>\$525,425.83</u>

The royalties paid were as follows, viz:—

To Northern Central Railway Company, . . . . .	\$31,248.00
To Pennsylvania Railroad Company, . . . . .	12,748.29
	<u>\$43,996.29</u>

The average royalty paid on all coal mined, including the leased collieries, was  $7\frac{98}{100}$  cents per ton.

## THE IMPROVEMENT AND CONSTRUCTION

expenditures, all included in the above cost of mining, amounted in the three collieries now worked by the Company to \$67,389.14, the estimate for the same submitted in the last annual report having been \$79,500. Those estimated for 1885



amount to \$93,500. The details which are embraced in the Manager's report are here summarized as follows, viz :—

	Estimated last year for 1884.	Actual in 1884.	Now estimated for 1885.
Cameron Colliery,	\$33,000.00	\$24,018.11	\$19,550.00
Luke Fidler, “	25,000.00	29,480.42	14,500.00
Hickory Ridge, “	21,500.00	13,890.61	59,300.00
Total, . . .	\$79,500.00	\$67,389.14	\$93,350.00

#### LEASED COLLIERIES.

The Pennsylvania and Hickory Swamp Collieries, which embrace the most valuable prospective supply for the future, were leased on the first of April, and are no longer operated by this Company.

There was expended upon them for general improvements during the first three months of this year (prior to the lease) as follows, viz :—

Pennsylvania Colliery, . . . .	\$25,768.75
Hickory Swamp Colliery, . . . .	25,891.57
On both leased collieries, . . . .	<u>\$51,660.32</u>

The production and royalties of the leased collieries was as follows, viz :—

	Tons produced.	Royalties paid.
Pennsylvania, . . . . .	\$99,921.19	\$27,676.14
Hickory Swamp, . . . . .	31,386.14	8,712.54
Lancaster, . . . . .	18,415.05	7,595.76
All, . . . . .	<u>\$149,723.18</u>	<u>\$43,984.44</u>

#### CASUALTIES.

There were two men killed and fifty-two injured during the year.

## MISCELLANEOUS INFORMATION.

	Cameron.	Luke Fidler.	Hickory Ridge.	Hickory Swamp.	Pennsylvania.	TOTAL.
Kegs powder used by miners, . . . . .	6,428	3,260	749½	192	1,119	11,748½
Kegs of powder used by Company, . . . .	177	145	41½	63	78	504½
Average tons mined per keg (effective production), . . . . .	33½	38	44	23	26	35.9
Pounds dualin used by miners, . . . . .	817	1,185	443	41½	629	3,115½
Pounds dualin used by Company, . . . .	3,933	1,025	1,496	248½	605	7,307½
Number of mules killed and died, . . . .	8	11	4	. . . . .	3	26
Number of mules purchased, . . . . .	21	17	8	5	9	60
Days worked by breakers, . . . . .	300½	290½	288½	73½	71½	1,023½
Days breakers idle on account of high water, . . . . .	1	. . . . .	. . . . .	. . . . .	. . . . .	1
Days breakers idle on account of want of cars, . . . . .	4½	4½	8½	. . . . .	. . . . .	17½
Tons put through breakers (effective), . . . .	229,947½	124,826½	32,017½	5,081½	30,019½	401,891½
Daily average of breakers (effective), . . . .	735	447	120	79	439	1,820
Tons coal consumed at mines (chiefly unmarketable), . . . . .	13,021	4,800	2,712	750	1,145	22,428

## QUANTITY AND SIZES.

				Tons.	Cwt.
Lump,	.	.	.	.	.
Steamboat,	00.04	per cent.,	.	153.15	
Broken,	01.29	"	.	5,187.12	
Egg,	14.03	"	.	56,402.05	
Stove,	37.58	"	.	151,031.07	
Chestnut,	25.14	"	.	101,020.08	
Pea,	21.92	"	.	88,096.04	
	<u>100.00</u>			<u>401,891.11</u>	

The Treasurer's statements are annexed hereto. The annual reports of the principal officials, with the general inventory and appraisement of personal property and sundry tabular and other statements, are submitted with this report.

Respectfully submitted  
on behalf of the Board of Directors.

I. J. WISTAR, *Vice-President.*

PHILADELPHIA, January 23, 1885.

# MINERAL RAILROAD AND MINING COMPANY.

*Comparative Statement of Expenses for the Twelve Months of 1884, with the same period of 1883.*

	1884.	1883.	Increase.	Decrease.
Freight, . . . . .	\$527,562.08	\$521,606.62	\$5,955.46	
House repairs, . . . . .	121.85	1,198.19		\$1,076.34
Insurance, . . . . .	682.69	2,044.50		1,361.81
Legal expenses, . . . . .	217.91	554.43		336.52
Live stock, . . . . .	9,929.23	10,167.76		238.53
Office expenses, rents, &c.	2,653.12	2,448.14	204.98	
Preparing coal, . . . . .	62,362.75	70,254.93		7,892.18
Repairs and general ex- penses, outside, . . . . .	70,466.12	79,885.96		9,419.84
Royalties, . . . . .	43,996.29	43,013.73	982.56	
Shops and repairs, . . . . .	10,326.62	12,054.63		1,728.01
Stable expenses, . . . . .	20,468.23	28,119.61		7,651.38
Stationery and printing, . . . . .	869.98	829.89	40.09	
Stock coal expenses, . . . . .	31.37		31.37	
Superintendence & clerks, . . . . .	12,038.35	13,246.68		1,208.33
Taxes, . . . . .	13,035.41	10,413.70	2,621.71	
Airways and gangways, . . . . .	63,009.42	90,561.39		27,551.97
Cars—Slope and drift, . . . . .	9,270.61	7,076.69	2,193.92	
Cross-headings and chutes, . . . . .	31,662.47	38,925.28		7,262.81
Hoisting and pumping, . . . . .	20,216.34	18,595.08	1,621.26	
Mining, . . . . .	200,721.58	233,843.94		33,122.36
Repairs and general ex- penses, inside, . . . . .	106,099.41	113,370.79		7,271.38
Timber and props, . . . . .	46,287.15	47,545.28		1,258.13
Allowances, . . . . .	143.55	588.30		444.75
Commissions, . . . . .	55,538.44	55,229.88	308.56	
Shipping expenses, . . . . .	10,064.62	5,908.51	4,156.11	
Breakers, . . . . .		5,740.65		5,740.65
Cars, . . . . .	5,803.73	3,424.67	2,379.06	
General improvement, . . . . .	75,593.18	68,400.83	7,192.35	
Houses, . . . . .	7,318.79	2,944.38	4,374.41	
Railroad iron, ties, &c., . . . . .	15,037.56	18,626.15		3,588.59
Shops, . . . . .	7.60	223.06		215.46
Slopes, . . . . .	15,224.75	22,091.21		6,866.46
Telegraph, . . . . .	35.35	154.22		118.87
<b>Total, . . . . .</b>	<b>\$1,436,796.55</b>	<b>\$1,529,089.08</b>	<b>\$32,061.84</b>	<b>\$124,354.37</b>
<b>Net decrease, . . . . .</b>				<b>\$92,292.53</b>

	COAL MINED.		COAL SOLD.
	Tons.	Cwt.	Tons. Cwt.
For twelve months, ending December 31, 1884, . . . . .	401,891.11		403,329.15
For same months of 1883, . . . . .	439,824.15		431,993.00
<b>Decrease, . . . . .</b>	<b>37,933.04</b>		<b>28,663.05</b>

"A."

# MINERAL RAILROAD AND MINING COMPANY.

*Cash Account for year ending December 31, 1884.*

## RECEIPTS.

Balance cash, December 31, 1883, . . . . .		\$5,979.33
From sales agents for coal sold, . . . . .	\$1,349,281.80	
" coal sold by officers of Company, . . . . .	22,491.59	
" rents and miscellaneous sources, . . . . .	26,862.14	
" individuals and companies, . . . . .	77,899.46	
" interest on loans to Pennsylvania Railroad Company, . . . . .	2,107.01	
" Royalty, . . . . .	38,115.21	
" profit and loss—unclaimed wages, . . . . .	118.08	
		<hr/> 1,516,875.29
		<hr/> <u>\$1,522,854.62</u>

## DISBURSEMENTS.

Paid pay rolls—wages of employes, . . . . .	\$576,124.17	
" vouchers, current supplies, freights, &c., . . .	820,416.56	
" Pennsylvania Railroad Company—loan ac- count, . . . . .	85,000.00	
" Taxes on capital stock for year 1883, . . . .	500.00	
" Shamokin Coal Company—taxes for years 1883 and 1884, . . . . .	.60	
" Dividend No. 6, . . . . .	10,000.00	
		<hr/> 1,492,041.33
Balance of Cash December 31, 1884, . . . . .		30,813.29
		<hr/> <u>\$1,522,854.62</u>

T. P. HAVILAND, *Treasurer.*



"B."

# MINERAL RAILROAD AND MINING COMPANY.

*General Income Account for year ending December 31, 1884.*

## SOURCES OF INCOME.

From coal sold by agents, . . . . .	\$1,350,795.20
" coal sold by Company's officers, . . . . .	35,466.01
Total gross receipts from coal mined by Company, \$1,386,261.21	
From royalty, . . . . .	43,984.44
" rent, . . . . .	4,321.08
" profit on materials sold, . . . . .	10,354.36
" incidental receipts from various sources, . .	19,652.06
" interest earned, . . . . .	2,107.01
	<hr/> \$1,466,680.16

## EXPENSES.

Cost of mining, preparing, and loading coal, including freights to points of sale, local taxes, &c., \$1,252,028.98	
Improvement account, . . . . .	119,020.96
Selling commissions and shipping expenses, . . .	65,746.61
Total operating, improvement, and shipping expenses, . . . . .	<hr/> \$1,436,796.55
Dividend No. 6, of 10 per cent., . . . . .	10,000.00
Tax on capital stock, . . . . .	500.00
	<hr/> \$1,447,296.55
Amount transferred to credit of profit and loss account, .	<hr/> \$19,383.61

T. P. HAVILAND, *Treasurer.*

"C."

MINERAL RAILROAD AND MINING  
COMPANY.

*Profit and Loss Account for year ending December 31, 1884.*

CR.

1884.

Jan. 1.	By balance as per last report December 31, 1883, . . . . .	\$28,162.93	
May 31.	By check stamps redeemed, . . . . .	9.78	
Aug. 31.	By unclaimed wages, . . . . .	108.30	
Dec. 31.	By balance of income account for year 1884, . . . . .	19,383.61	
			<u>\$47,664.62</u>

DR.

1884.

Dec. 31.	To decreased value of stocked coal as compared with December 31, 1883, . . . . .	\$5,257.14	
	To balance to credit of profit and loss, new account, . . . . .	42,407.48	
			<u>\$47,664.62</u>

T. P. HAVILAND, *Treasurer.*

“D.”

# MINERAL RAILROAD AND MINING COMPANY.

*General account for year ending December 31, 1884.*

ASSETS.		Increase from December 31, 1883.	Decrease from December 31, 1883.
Due from sales agents for December sales, . . . . .	\$101,636.21	\$1,513.40	
Cash in banks, . . . . .	30,813.29	24,833.96	
Materials on hand, . . . . .	1,113.59		\$636.20
Cash in hands of General Superinten- dent, . . . . .	1,000.00		
Shamokin Water Company's stock, . .	1,000.00		
Due from Pennsylvania Railroad Company, . . . . .	115,000.00	85,000.00	
Value of stock coal on hand, Decem- ber 31, 1884, . . . . .	35,767.40		5,257.14
	<u>\$286,330.49</u>		
LIABILITIES.			
Capital Stock paid in, . . . . .	\$100,000.00		
Unpaid pay-rolls, December, . . . .	40,120.85		15,758.34
Unpaid vouchers, December, . . . .	103,707.10	32,764.68	
Shamokin Coal Company, . . . . .	95.06		.60
Balance of profit and loss account, December 31, 1884, . . . . .	42,407.48	14,244.55	
	<u>\$286,330.49</u>		

T. P. HAVILAND, *Treasurer.*



# ANNUAL REPORT

OF THE

## SUMMIT BRANCH RAILROAD CO.

AND

## LYKENS VALLEY COAL CO.

---

FOR THE YEAR 1884.

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PHILADELPHIA:

REVIEW PRINTING HOUSE, N. W. COR. WALNUT AND FOURTH STS.

1885.





SUMMIT BRANCH RAILROAD COMPANY.

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*Officers Elected for 1885.*

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*President,*

GEORGE B. ROBERTS.

*Vice-President,*

ISAAC J. WISTAR.

*Directors :*

GEORGE B. ROBERTS,

A. J. CASSATT,

EDMUND SMITH,

WISTAR MORRIS,

N. PARKER SHORTRIDGE,

J. N. DuBARRY,

JOHN P. GREEN,

JAS. W. JOHNSON,

ISAAC J. WISTAR,

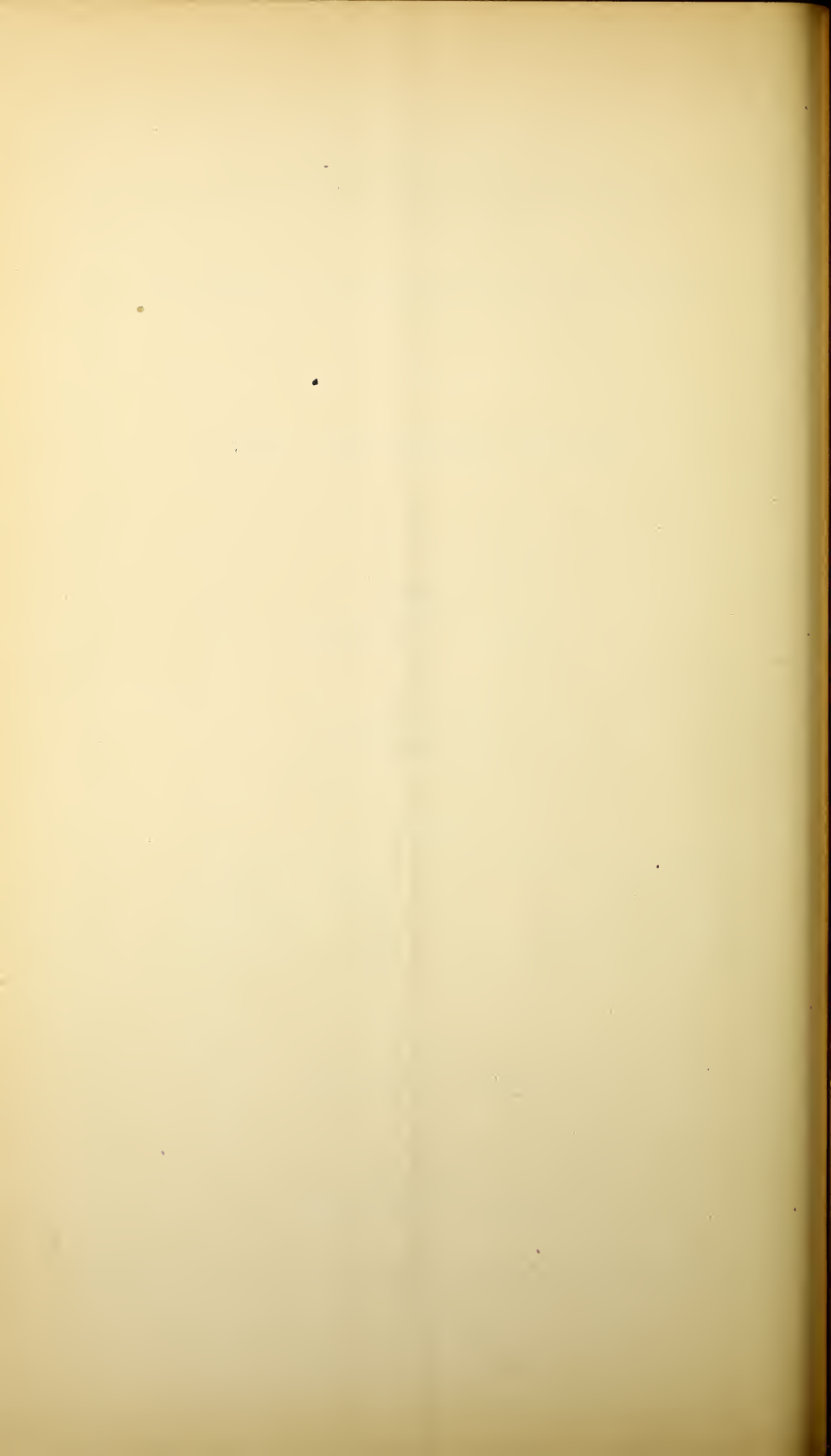
WILLIAM J. HOWARD.

*Secretary,*

ALFRED MORDECAI.

*Treasurer,*

THOS. P. HAVILAND.



# THE SUMMIT BRANCH RAILROAD COMPANY.

## ANNUAL REPORT FOR 1884.

The following annual report of the operations of the Company during the year 1884 is respectfully submitted:—

### PRODUCTION AND SHIPMENTS.

	Tons.	Cwt.
Shipped by Pennsylvania Canal, . . . . .	10,794.11	
Shipped south by Northern Central Railway, . .	86,769.00	
Shipped west by Pennsylvania and Philadelphia and Erie Railways, . . . . .	2,017.16	
Shipped east by Pennsylvania Railroad, . . .	173,741.16	
Shipped to South Amboy, . . . . .	79,019.02	
Retail sales by Company's officers, . . . . .	9,457.19	

Total shipments and retail sales in 1884, . 361,800.04

	Tons.	Cwt.
Coal in stock at Millersburg, December 31, 1884, . . . . .	2,988.00	
Coal in stock at Millersburg, December 31, 1883, . . . . .	127.07	
Increase in stock coal, . . . . .	2,860.13	
Less overrun in car weights, . . . . .	115.13	
	2,745.00	
Total effective production in 1884, . . . . .	364,545.04	
Increased production over 1883 ( $7\frac{23}{100}$ per cent.), .	24,603.03	

## COAL ON HAND

December 31st:—

	1883. Tons. Cwt.	1884. Tons. Cwt.
Canton Pier, . . . . .	1,777.01	1,965.03
Millersburg, . . . . .	127.07	2,988.00
South Amboy, . . . . .	2,938.12	2,763.19
Greenwich, . . . . .	1,062.04	. . . .
	<u>5,905.04</u>	<u>7,717.02</u>
Increase in stocked coal, 1884, . . . . .		<u>1,811.18</u>

## SALES.

	Tons. Cwt.
Sold by commission agents, . . . . .	353,744.02
Sold by Company's officers, . . . . .	9,457.19
Total sales in 1884, . . . . .	<u>363,202.01</u>

The commissions per ton on the whole quantity marketed averaged 17.54 cents, and included all expenses of sales and collections.

(The aggregate selling and collecting expenses of all coal from all companies under the same management, averaged per ton, in 1884, 15.17 cents, against 15.24 cents in 1883.)

## RECEIPTS AND EXPENSES.

The gross receipts from sales were . . . . .	\$1,690,335.26
Less Freight paid, . . . . .	\$578,620.47
“ Shipping expenses, . . . . .	12,111.88
“ Commissions, . . . . .	63,717.34
“ Allowances, . . . . .	312.10
	<u>654,761.79</u>
Receipts at breaker, . . . . .	<u>\$1,035,573.47</u>
Receipts at breaker ( <i>Carried forward</i> ),	\$1,035,573.47



*Brought forward, \$1,035,573.47*

EXPENSES.—*Outside.*

Cents per ton.

Insurance, . . . . .	.00.23	\$839.51
Legal expenses, . . . . .	.00.23	842.49
Live stock, . . . . .	.01.49	5,431.76
Office expenses, . . . . .	.00 31	1,135.96
Preparing coal, . . . . .	.17.26	62,924.51
Repairs and general expenses, .	12.01	43,787.04
Shops and repairs, . . . . .	.02.67	9,740.66
Stable expenses, . . . . .	.04.91	17,921.56
Stationery and printing, . . . . .	.00.21	798.87
Superintendence and clerks, .	.03.37	12,298.19
Taxes, . . . . .	.01.61	5,866.42

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\$161,586.97

EXPENSES.—*Inside.*

Cents per ton.

Air and gangways, . . . . .	.23.08	\$84,136.29
Cars, slope and drift, . . . . .	.01.75	6,403.23
Cross headings and chutes, .	.06.60	24,087.71
Exhaustion of lands, . . . . .	.03.81	13,881.04
Hoisting and pumping, . . . . .	.08.67	31,615.31
Mining coal, . . . . .	.46.49	169,498.25
Repairs and general expenses, .	.50.97	185,840.92
Timber and props, . . . . .	.09.18	33,463.48

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\$548,926.23

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*Carried forward, \$710,513.20 \$1,035,573.47*

## IMPROVEMENTS AND GENERAL EXPENSES

(*Charged to Mining*).

*Brought forward*, \$710,513.20    \$1,035,573.47

Cents per ton.

Cars, . . . . .	.00.54	\$1,980.00
General improvements, .	.03.58	13,051.66
Houses and house repairs, . . .		7.00
Railroad iron, ties, &c., .	.01.29	4,708.85

\$19,747.51

Total mining expenses, . . . . . \$730,260.71

\$305,312.76

Add increase in quantity and cost value of coal  
at mines and shipping points, . . . . . 3,765.47

Net profit from coal, . . . . . \$309,078.23

	1884.	1883.	Increase.	Decrease.
Average receipt per ton at mines, . . . . .	\$2.85	\$2.68.4	.16.6	. . .
Average cost per ton at mines, . . . . .	2.00	1.98	.02	. . .
Net profit per ton at mines, .	.85	.70.4	.14.6	. . .
Cost per ton of mining and preparing coal, exclusive of royalties, exhaustion of lands, taxes and insurance, but including improvements and general expenses, . . . . .	1.97	1.92	.05	. . .

## INCIDENTAL RECEIPTS.

Rents, . . . . .	\$2,219.84
Profit on supplies, . . . . .	17,548.42
Royalties, . . . . .	603.17
Incidentals, . . . . .	1.50

Net receipts from incidental sources, . . . \$20,372.93

Net receipts from coal, as above, . . . 309,078.23

Net receipts from all sources, . . . \$329,451.16

(Average net receipts from all sources per ton mined was 90.3 cents, against 74.5 cents in 1883).

The amounts paid for freight to the several transportation companies in the same interests, were:—

To Pennsylvania Railroad Company, . . . \$302,582.23

To Northern Central Railway Company, . . . 263,955.46

To Pennsylvania Canal Company (tolls and freight), . . . 12,082.78

\$578,620.47

## MISCELLANEOUS INFORMATION.

Kegs powder used by miners, . . . . .	10,654 $\frac{1}{2}$
Kegs powder used by Company, . . . . .	297 $\frac{1}{2}$
Tons mined per keg (effective production), . . . . .	34 $\frac{1}{5}$
Pounds dualin used by miners, . . . . .	3,040
Pounds dualin used by Company, . . . . .	15,099
Number mules killed, died and sold, . . . . .	22
Number mules purchased, . . . . .	31
Days worked by breaker, . . . . .	305 $\frac{1}{4}$
Tons put through breaker (effective), . . . . .	364,545 $\frac{4}{10}$
Daily average of breaker, tons, . . . . .	1,194 $\frac{5}{10}$
Percentage of loss and dirt, . . . . .	28.3
Tons Company's consumption (chiefly unmarketable), . . . . .	25,372

## QUANTITY AND SIZES.

			Tons. Cwt.
Broken,	08.60 per cent.,	. . . . .	31,505.04
Egg,	23.30 "	. . . . .	84,917.09
Stove,	26.30 "	. . . . .	95,828.02
Chestnut,	17.90 "	. . . . .	65,370.01
Pea,	15.50 "	. . . . .	56,654.07
Buckwheat,	07.40 "	. . . . .	26,791.17
Mixed,	01.00 "	. . . . .	3,478.04
	<u>100.00</u>		<u>364,545.04</u>

## THE IMPROVEMENT AND CONSTRUCTION

expenditure was \$19,795.27, equal to 5.4 cents per ton of effective production. The estimate made and submitted for these in last report was \$19,500. Those required for 1885 are estimated at \$24,950, the details being submitted in the Manager's report.

The remarkable record of 303½ days made by this breaker in 1883 was exceeded during 1884, when it did 305¼ days work, being within 2¾ days of the possible maximum, legal holidays and Sundays being allowed for.

## CASUALTIES.

There were three men killed and twenty-five injured during the year.

The Treasurer's statements are appended hereto. The annual reports of the other principal officials, with the general inventory and appraisalment of personal property, and sundry tabular and other useful statements are submitted with this report.

Respectfully submitted  
on behalf of the Board of Directors.

I. J. WISTAR, *Vice-President.*

PHILADELPHIA, January 21, 1885.

# SUMMIT BRANCH RAILROAD COMPANY.

*Comparative Statement of Expenses for twelve months of 1884,  
with the same period of 1883.*

	1884.	1883.	Increase.	Decrease.
Freight, . . . . .	\$578,620.47	\$532,370.54	\$46,249.93	
House repairs, . . . . .	7.00	344.57		\$337.57
Insurance, . . . . .	839.51	801.26	38.25	
Legal expenses, . . . . .	842.49		842.49	
Live stock, . . . . .	5,431.76	6,354.84		923.08
Office expenses, rents, &c.,	1,135.96	1,062.63	73.33	
Preparing coal, . . . . .	62,924.51	50,751.68	12,172.83	
Repairs and general ex- penses, outside, . . . . .	43,787.04	33,534.54	10,252.50	
Shops and repairs, . . . . .	9,740.66	8,056.23	1,684.43	
Stable expenses, . . . . .	17,921.56	19,269.73		1,348.17
Stationery and printing, .	798.87	584.67	214.20	
Superintendence and clerks, . . . . .	12,298.19	11,814.89	483.30	
Taxes, . . . . .	5,866.42	3,807.09	2,059.33	
Airways and gangways, .	84,136.29	70,294.57	13,841.72	
Cars—slope and drift, . .	6,403.23	6,964.66		561.43
Cross-headings and chutes,	24,087.71	22,266.08	1,821.63	
Exhaustion of lands, . .	13,881.04	14,054.62		173.58
Hoisting and pumping, . .	31,615.31	32,818.70		1,203.39
Mining, . . . . .	169,498.25	159,230.31	10,267.94	
Repairs and general ex- penses, inside, . . . . .	185,840.92	166,512.51	19,328.41	
Timber and props, . . . .	33,463.48	32,826.00	637.48	
Allowances, . . . . .	312.10	318.09		5.99
Commissions, . . . . .	63,717.34	58,751.63	4,965.71	
Shipping expenses, . . . .	12,111.88	10,672.71	1,439.17	
Cars, . . . . .	1,980.00	2,760.00		780.00
General improvement, . .	13,051.66	24,684.93		11,633.27
Houses, . . . . .		1,114.52		1,114.52
Railroad iron, ties, &c., .	4,708.85	3,464.49	1,244.36	
Total, . . . . .	\$1,385,022.50	\$1,275,486.49	\$127,617.01	\$18,081.00
Net increase, . . . . .			\$109,536.01	

	COAL MINED.	COAL SOLD.
	Tons. Cwt.	Tons. Cwt.
For twelve months ending December 31, 1884, . . . . .	364,545.04	363,202.01
For same months of 1883, . . . . .	339,942.01	342,877.15
Increase, . . . . .	24,603.03	20,324.06

WILLIAM HACKER, Auditor.



"A."

# SUMMIT BRANCH RAILROAD COMPANY.

*Cash Account for year ending December 31, 1884.*

## RECEIPTS.

Cash Balance, December 31, 1883, . . . . .		\$49,336.21
From Sales Agents for coal sold, . . . . .	\$1,664,514.78	
“ Coal sold by officers of Company, . . . .	12,652.00	
“ Rents and miscellaneous sources, . . . .	819.17	
“ Individuals and companies, . . . . .	4,462.23	
“ Liens on surface lots sold, . . . . .	1,179.00	
“ Interest on loans, . . . . .	5,361.60	
“ Profit and loss, unclaimed wages, &c., .	135.42	
		<hr/> 1,689,124.20
		<hr/> <u>\$1,738,460.41</u>

## DISBURSEMENTS.

Paid Pay rolls—employés' wages, . . . . .	\$547,588.98	
“ Vouchers—current supplies, freights, &c., .	796,054.77	
“ Interest on bonds, . . . . .	85,785.00	
“ Lykens Valley Coal Company—advances during the year, . . . . .	138,765.83	
“ Pennsylvania Railroad Company—loan ac- count, . . . . .	49,983.64	
“ Sinking fund—60 bonds purchased, . . .	59,887.50	
“ Taxes on capital stock for year 1883, . . . . .	\$1,564.04	
“ Taxes on capital stock for year 1884, . . . . .	1,684.35	
“ Taxes on capital Lykens Valley Railroad and Coal Company for year 1884, . . . . .	3,000.00	
		<hr/> 6,248.39
		<hr/> \$1,684,314.11
Balance of cash December 31, 1884, . . . . .		54,146.30
		<hr/> <u>\$1,738,460.41</u>

T. P. HAVILAND, *Treasurer.*

"B."

## SUMMIT BRANCH RAILROAD COMPANY.

*General Income Account for year ending December 31, 1884.*

## SOURCES OF INCOME.

From Coal sold by Agents, . . . . .	\$1,667,209.63
From Coal sold by Company's officers, . . . . .	23,125.63
Total receipts from Coal, . . . . .	\$1,690,335.26
From Rents of miners' houses, &c., . . . . .	2,219.84
" Royalty on Coal mined on lease, . . . . .	603.17
" Profit on materials sold, . . . . .	17,548.42
" Sundries, . . . . .	1.50
" Interest earned, . . . . .	4,577.69
	<u>\$1,715,285.88</u>

## OPERATING EXPENSES.

Cost of mining and preparing Coal, local taxes, freights, &c., . . . . .	\$1,289,140.67
Improvements, . . . . .	19,740.51
Selling commissions and shipping expenses, . . . . .	76,141.32
Operating expenses, . . . . .	\$1,385,022.50
Add taxes on capital stock for 1883 and 1884, . . . . .	\$3,248.39
Add taxes on Lykens Valley Railroad and Coal Company for 1884, . . . . .	3,000.00
	<u>6,248.39</u>
Total expenses, . . . . .	1,391,270.89
Net earnings, . . . . .	\$324,014.99
From which deduct interest on funded debt for 1884, . . . . .	83,650.00
Balance being gain on the operations for year ending December 31, 1884, . . . . .	\$240,364.99
From which deduct loss on operations of Lykens Valley Coal Com- pany, assumed by this Company to protect its property therein, . . . . .	135,261.26
Balance transferred to credit of Profit and Loss Account, . . . . .	<u>\$105,103.73</u>

T. P. HAVILAND, *Treasurer.*

"C."

## SUMMIT BRANCH RAILROAD COMPANY.

*Profit and Loss Account for year ending December 31, 1884.*

DR.

1884.

Jan. 1.	To balance per last report, . . . . .	\$989,248.35	
Dec. 31.	To decreased value of Stock Coal, . . . .	7,041.69	
		<hr/>	\$996,290.04

CR.

1884.

Mar. 31.	By difference between amount paid and par value of 108 bonds bought from Sinking Fund, . . . . .	\$1,930.00	
	By coupons included in Income Account of 1883, now transferred, bonds hav- ing been canceled, and delivered to Trustee, . . . . .	\$3,010.00	
Aug. 31.	By unclaimed wages and check stamps redeemed, . . . . .	135.42	
Dec. 31.	By balance of Income Ac- count for year 1884, . . . . .	\$43,286.23	
	By appropriation to Sinking Fund, . . . . .	61,817.50	
		<hr/>	105,103.73
	By balance of account to debit new ac- count, . . . . .	886,110.89	
		<hr/>	\$996,290.04

T. P. HAVILAND, *Treasurer.*

"D."

## SUMMIT BRANCH RAILROAD COMPANY.

*General Account for year ending December 31, 1884.*

ASSETS.		Increase from December 31, 1883.	Decrease from December 31, 1883.
Cost of real estate, machinery, &c., as per books of this date, . . . . .	\$2,381,685.99		\$13,881.04
Cost of Short Mountain property, . . . . .	364,661.13		
Lykens Valley Coal Co.'s bonds, . . . . .	1,331,817.88		
Lykens Valley Coal Co.'s stock, . . . . .	9,649.00		
Value of materials on hand, . . . . .	858.43	\$275.09	
Value of stocked coal, . . . . .	26,009.70		7,041.69
Due by Sales Agents, December sales, . . . . .	128,769.15	2,694.85	
Due from Superintendent, . . . . .	750.00		
Summit Branch Railroad Co. stock, Lykens Valley Coal Company, . . . . .	114,650.00		
Due from Pennsylvania Railroad Company, . . . . .	14,708.66	3,504.57	
Profit and loss, . . . . .	150,000.00	49,983.64	
Cash, . . . . .	886,110.89		103,137.46
	54,146.30	4,810.09	
	<u>\$5,463,817.13</u>		
LIABILITIES.			
Capital stock, . . . . .	\$4,125,000.00		
Mortgage bonds, . . . . .	1,192,000.00		108,000.00
Unpaid dividends, . . . . .	1,413.00		
Unpaid wages, . . . . .	42,302.95	2,302.92	
Unpaid bills, . . . . .	60,298.49	688.63	
Interest on mortgage bonds, . . . . .	42,770.00		2,135.00
Liens on surface lots, . . . . .	32.19	1,179.00	
Individuals and companies, . . . . .	.50		
	<u>\$5,463,817.13</u>		

T. P. HAVILAND, *Treasurer.*

"E."

## SUMMIT BRANCH RAILROAD COMPANY.

*Condition of Sinking Fund December 31, 1884.*

Received on account of appropriation for year 1881, .	\$29,196.57	
"                    "                    "                    "                    1882, .	7,104.14	
"                    "                    "                    "                    1883, .	39,000.00	
"                    "                    "                    "                    1884, .	39,000.00	
		<hr/>
		\$114,300.71
On hand December 31, 1883, 48 bonds, costing, . .	\$46,182.50	
Bought during year 1884, 60 bonds, costing, . . . .	59,887.50	
108 bonds, cost, . . . . .		<hr/>
		\$106,070.00
Cash on hand awaiting investment, . . . . .		<hr/>
		\$8,230.71

Average cost per bond, \$982.13.

These bonds and coupons attached are canceled, and delivered to W. J. Howard, Trustee, in accordance with terms of mortgage.

T. P. HAVILAND, *Treasurer.*



THE  
LYKENS VALLEY COAL  
COMPANY.



LYKENS VALLEY COAL COMPANY.

---

*Officers Elected for 1885.*

---

*President,*  
GEORGE B. ROBERTS.

*Vice-President,*  
ISAAC J. WISTAR.

*Directors:*

GEORGE B. ROBERTS,	N. PARKER SHORTRIDGE,
A. J. CASSATT,	J. N. DuBARRY,
EDMUND SMITH,	JOHN P. GREEN,
WISTAR MORRIS,	ISAAC J. WISTAR,
WILLIAM J. HOWARD.	

*Secretary,*  
ALFRED MORDECAI.

*Treasurer,*  
THOS. P. HAVILAND.



# THE LYKENS VALLEY COAL COMPANY.

## ANNUAL REPORT FOR 1884.

The following annual report of the operations of the Company during the year 1884, is respectfully submitted:—

### PRODUCTION AND SHIPMENTS.

	Tons. Cwt.
Shipped by Pennsylvania Canal, . . . .	3,950.06
“ South by N. Central R. W., . . . .	50,931.09
“ West by Penna. and P. & E. Railroads, .	869.10
“ East by Penna. R. R., . . . .	74,983.19
“ to South Amboy . . . .	42,587.19
Retail sales by Company's officers, . . . .	8,094.00

Total shipments and retail sales, . . . . 181,417.03

	Tons. Cwt.
Coal in stock at Millersburg, December	
31, 1884, . . . .	6,913.12
Coal in stock at Millersburg, December	
31, 1883, . . . .	2,499.17
Increase in stocked coal, . . . .	4,413.15
Add overrun in car weights, . . . .	92.01
	4,505.16
Total effective production in 1884, . . . .	185,922.19
Increased production in 1884 (4.26 per cent.), .	<u>7,607.09</u>



## COAL ON HAND DECEMBER 31.

	1883.	1884.
	Tons. Cwt.	Tons. Cwt.
Canton Pier, . . . . .	296.15	775.02
Millersburg, . . . . .	2,499.17	6,913.12
South Amboy, . . . . .	1,651.01	1,464.10
Greenwich, . . . . .	450.15	
	<u>4,898.08</u>	<u>9,153.04</u>
Increase in stocked coal, 1884, . . . . .		4,254.16

## SALES.

	Tons. Cwt.
Sold by commission agents, . . . . .	173,903.00
Sold by Company's officers, . . . . .	8,094.00
Total sales in 1884, . . . . .	<u>181,997.00</u>

The commissions per ton on the whole quantity marketed, averaged  $16\frac{9}{10}$  cents, and included all expenses of sales and collections.

(The aggregate selling and collecting expenses of all coal from all companies under the same management, averaged per ton in 1884, 15.17 cents, against 15.24 cents in 1883.)

## RECEIPTS AND EXPENSES.

The gross receipts from sales were, . . . . .	\$804,010.70
Less freights paid, . . . . .	\$284,221.07
Less shipping expenses, . . . . .	6,993.71
Less commissions, . . . . .	30,770.07
Less allowances, . . . . .	107.98
	<u>322,092.83</u>
Receipts at breaker, . . . . .	<u>\$481,917.87</u>
Receipts at breaker ( <i>Carried forward</i> ),	\$481,917.87

*Brought forward, \$481,917.87*

**EXPENSES—*Outside.***

Cents per ton.

Insurance, . . .	.00.57	\$1,075.16
Legal expenses, . . .	.00.05	100.00
Live stock, . . .	.04.08	7,596.76
Office expenses, . . .	.00.35	648.28
Preparing coal, . . .	.25.64	47,673.74
Repairs and general expenses, . . .	.20.44	38,012.85
Shops and repairs, . . .	.00.93	1,736.81
Stable expenses, . . .	.11.74	21,828.08
Stationery and printing, . . .	.00.31	576.69
Superintendence and clerks, . . .	.05.80	10,786.02
Taxes, . . .	<u>.01.70</u>	<u>3,166.24</u>
	<i>71.61</i>	
		\$133,200.63

**EXPENSES—*Inside.***

Cents per ton.

Air and gangways, . . .	.26.49	\$49,253.53
Cars, slope and drift, . . .	.04.75	8,840.92
Cross headings and chutes, . . .	.10.65	19,812.51
Hoisting and pumping, . . .	.18.40	34,213.26
Mining coal, . . .	.64.29	119,530.71
Repairs and general expenses, . . .	.76.69	142,582.05
Timber and props, . . .	<u>.26.76</u>	<u>49,761.84</u>
	<i>228.03</i>	
		\$423,994.82

*Carried forward, \$557,195.45 \$481,917.87*

## IMPROVEMENT AND GENERAL EXPENSES.

(Charged to Mining.)

*Brought forward*, \$557,195.45    \$481,917.87

	Cents per ton.		
Cars, . . . . .	.01.67	\$3,117.06	
General improvements, . . . . .	.29.16	54,212.33	
Houses and house re- pairs, . . . . .	.00.16	308.67	
Railroad iron, ties, &c., . . . . .	.05.51	10,252.08	
	<u>36.50</u>		
		<u>\$67,890.14</u>	
Total mining expenses,			\$625,085.59
Excess of expenses, . . . . .			\$143,167.72
Less increase in quantity and cost value of coal at mines and shipping points, . . . . .			16,119.75
Net loss from coal, . . . . .			\$127,047.97

	1884.	1883.	Increase.	Decrease.
Average receipt per ton at mines, . . . . .	\$2.65	\$2.59	.06	
Average cost per ton at mines, . . . . .	3.36	2.99	.37	
Net loss per ton at mines,	.71	.40	.31	
Cost per ton of mining and preparing coal, exclusive of legal expenses, taxes and insurance, but in- cluding all improve- ments and general ex- penses, . . . . .	3.33	2.97	.36	

## INCIDENTAL RECEIPTS.

Rents, . . . . .	\$1,089.00
Profit on supplies, . . . . .	6,874.01
Incidentals, . . . . .	2.75

Net receipts from incidental sources, . . . . .	\$7,965.76
Loss on mining as above, . . . . .	127,047.97

Total excess of expenditure (per ton  $64\frac{04}{100}$ ), \$119,082.21

The loss in 1883 was \$71,038.41, equal to  $39\frac{8}{10}$  cents per ton mined.

The amounts paid for freight to the several transportation companies, in the same interests were :—

To Pennsylvania Railroad Co., . . . . .	\$128,527.14
To Northern Central Railway Co., . . . . .	151,303.79
To Penna. Canal Co., (tolls and freight), . . . . .	4,390.14
	<u>\$284,221.07</u>

## MISCELLANEOUS INFORMATION.

Kegs powder used by miners, . . . . .	3,196
Kegs powder used by Company, . . . . .	190
Tons mined per keg (effective production), . . . . .	$62\frac{63}{100}$
Pounds dualin used by miners, . . . . .	5,164½
Pounds dualin used by Company, . . . . .	4,919½
Number of mules killed, died and sold, . . . . .	19
Number mules purchased, . . . . .	46
Days worked by breaker, . . . . .	293½
Tons put through breaker (effective) . . . . .	$185,922\frac{19}{20}$
Daily average of breaker, tons, . . . . .	$633\frac{9}{20}$
Percentage of loss and dirt, . . . . .	$64\frac{17}{100}$
Tons Company consumption (chiefly un- marketable), . . . . .	26,159½

## QUANTITY AND SIZES.

					Tons. Cwt.
Broken,	13.3 per cent,	.	.	.	24,685.19
Egg,	17.9	"	.	.	33,243.16
Stove,	23.8	"	.	.	44,281.00
Chestnut,	13.7	"	.	.	25,573.03
Pea,	21.6	"	.	.	40,184.15
Buckwheat,	8.8	"	.	.	16,331.01
Mixed,	0.9	"	.	.	1,623.05
<hr/> 100.0					<hr/> <hr/> 185,922.19

## THE IMPROVEMENT AND CONSTRUCTION

expenditure was \$67,816 92, equal to 36.4 cents per ton of effective production. The estimate submitted for these in the last annual report was \$65,300. Those required for 1885 are estimated at \$32,600—the details being submitted in the Manager's report.

As previously explained in these reports, the large construction expenditures now being carried on for the opening of new coal, being all charged in the cost of mining, swells the apparent cost of the latter. Both the reasons for doing this—the objects proposed, and the methods adhered to—have been fully presented in former reports.

The No. 4 slope is now down 510 feet from No. 3 bottom level, in an extra quality of coal, and is nearing the basin to which it is proposed to sink before turning gangways. Hence the difficulty in making estimates.

Without going further into details here, it may be added that it is confidently believed the cost of production per ton will be considerably reduced in 1885, but the annual loss of this colliery can hardly be converted into a profit, and, in fact, it is difficult to express a sound opinion on it until No. 4 slope shall reach the bottom of the basin.



All that can now be said with certainty is, that the indications, both of quantity and quality, are more favorable than at any former time, and that—as respects expenditure—the entire estimates will not be much exceeded, if any, although the proportion expended during any specific period of the work may vary quite considerably. As regards the sinking the slope itself, the more the expenditure is, the better, since it will indicate a deeper basin and greater extent of vein, which in dip closely approaches the perpendicular.

#### CASUALTIES.

There were three men killed and eleven injured during the year.

The Treasurer's statements are appended hereto. The annual reports of the other principal officials, with the general inventory and appraisement of personal property, and sundry tabular and other statements are submitted with this report.

Respectfully submitted,  
on behalf of the Board of Directors,

I. J. WISTAR, *Vice-President.*

PHILADELPHIA, January 21, 1885.



# LYKENS VALLEY COAL COMPANY.

*Comparative Statement of Expenses for the twelve months of 1884, with the same period of 1883.*

	1884.	1883.	Increase.	Decrease.
Freight, . . . . .	\$284,221.07	\$268,252.85	\$15,968.22	
House repairs, . . . . .	308.67	56.95	251.72	
Insurance, . . . . .	1,075.16	991.55	83.61	
Legal expenses, . . . . .	100.00		100.00	
Live stock, . . . . .	7,596.76	8,635.00		1,038.24
Office expenses, rents, &c., .	648.28	664.83		16.55
Preparing coal, . . . . .	47,673.74	33,502.66	14,171.08	
Repairs and general ex- penses, outside, . . . . .	38,012.85	37,930.74	82.11	
Shops and repairs, . . . . .	1,736.81	2,107.77		370.96
Stable expenses, . . . . .	21,828.08	21,136.54	691.54	
Stationery and printing, . .	576.69	456.59	120.10	
Superintendence and clerks,	10,786.02	9,800.20	985.82	
Taxes, . . . . .	3,166.24	2,743.10	423.14	
Airways and gangways, . .	49,253.53	28,896.58	20,356.95	
Cars—slope and drift, . . .	8,840.92	13,063.48		4,222.56
Cross-headings and chutes,	19,812.51	7,618.80	10,193.71	
Hoisting and pumping, . .	34,213.26	38,946.41		4,733.15
Mining, . . . . .	119,530.71	108,638.36	10,892.35	
Repairs and general ex- penses, inside, . . . . .	142,582.05	134,007.62	8,574.43	
Timber and props, . . . . .	49,761.84	41,961.07	7,800.77	
Allowances, . . . . .	107.98	266.42		158.44
Commissions, . . . . .	30,770.07	29,969.06	801.01	
Shipping expenses, . . . . .	6,993.71	8,499.21		1,505.50
Cars, . . . . .	3,117.06	391.54	2,725.52	
General improvement, . .	54,212.33	33,970.93	20,241.40	
Railroad iron, ties, &c., . .	10,252.08	7,204.79	3,047.29	
Total, . . . . .	\$947,178.42	\$841,713.05	\$117,510.77	\$12,045.40
Net increase, . . . . .			\$105,465.37	

	COAL MINED.	COAL SOLD.
	Tons. Cwt.	Tons. Cwt.
For twelve months ending December 31, 1884, . . .	185,922.19	181,997.00
For same months of 1883, . . . . .	178,315.10	178,299.09
Increase, . . . . .	7,607 09	3,697.11

WILLIAM HACKER, *Auditor.*

"A."

LYKENS VALLEY COAL COMPANY.

*Cash Account for year ending December 31, 1884.*

RECEIPTS.

From Sales Agents for Coal sold, . . . . .	\$789,353.54	
" Coal sales by officers of Company, . . . . .	7,003.25	
" Rents and miscellaneous sources, . . . . .	494.75	
" Individuals and companies, . . . . .	9,430.70	
" Liens on surface lots sold, . . . . .	65.00	
" Profit and loss—unclaimed wages, . . . . .	.56	
" Summit Branch Railroad Company advanced during year, . . . . .	138,765.83	
		<u>\$945,113.63</u>

DISBURSEMENTS.

Paid Pay rolls—employés' wages, . . . . .	\$472,432.59	
" Vouchers—current supplies, &c., . . . . .	468,321.74	
" Lykens Water Company stock, . . . . .	4,300.00	
" Taxes on capital stock for years 1883 and 1884, . . . . .	59.30	
		<u>\$945,113.63</u>

T. P. HAVILAND, *Treasurer.*

"B."

## LYKENS VALLEY COAL COMPANY.

*General Income Account for year ending December 31, 1884.*

### SOURCES OF INCOME.

From Coal sold by agents, . . . . .	\$786,004.01	
" Coal sold by Company's officers, . . . . .	18,006.69	
Total receipts for Coal, . . . . .	\$804,010.70	
From Rent of miners' houses, &c., . . . . .	1,089.00	
" Profit on material sold, . . . . .	6,874.01	
" Sundries, . . . . .	2.75	
		<u>\$811,976.46</u>

### OPERATING EXPENSES.

Cost of mining, preparing coal, local taxes, freights, &c., . . . . .	\$841,725.19	
Improvements, . . . . .	67,581.47	
Selling, commission and shipping expenses, . . . . .	37,871.76	
	\$947,178.42	
State taxes, . . . . .	.59.30	
Total operating expenses, . . . . .		<u>947,237.72</u>
Loss on operating for the year to debit of Profit and Loss Account, . . . . .		<u>\$135,261.26</u>

T. P. HAVILAND, *Treasurer.*

"C."

LYKENS VALLEY COAL COMPANY.

*Profit and Loss Account for year ending December 31, 1884.*

DR.

1884.		
Jan. 1.	To balance as per last report, . . . . .	\$663,069.84
Dec. 31.	To balance of Income Account, being loss on business for year 1884, . . . . .	135,261.26
		<u>\$798,331.10</u>

CR.

1884.		
Aug. 31.	By unclaimed wages, . . . . .	\$ .56
Dec. 31.	By increased value of stocked Coal, . . .	16,119.75
Dec. 31.	By balance to debit of Profit and Loss —new account, . . . . .	782,210.79
		<u>\$798,331.10</u>

T. P. HAVILAND, *Treasurer.*

" D."

# LYKENS VALLEY COAL COMPANY.

*General Account for year ending December 31, 1884.*

ASSETS.		Increase from December 31, 1883.	Decrease from December 31, 1883.
Real estate, . . . . .	\$1,195,000.00		
Construction, . . . . .	290,000.00		
Materials on hand, . . . . .	667.95	71.54	
Liens on surface lots sold, . . . . .	4,840.00		65.00
Due from sales agents for coal sold in December, . . . . .	57,511.03		3,339.53
Due from individuals and Companies,	5,766.99	4,314.74	
Profit and loss, . . . . .	782,210.79	119,140.95	
Lykens Water Company stock, . . . .	6,300.00	4,300.00	
Value of stock coal on hand Decem- ber 31, 1884, . . . . .	35,490.26	16,119.75	
J. R. Fell, Superintendent, . . . . .	750.00		
	<u>\$2,378,537.02</u>		
LIABILITIES.			
Mortgage Bonds, . . . . .	\$1,500,000.00		
Capital stock, . . . . .	494,150.00		
Unpaid wages, December, . . . . .	38,071.01	3,707.31	
Unpaid bills, . . . . .	35,792.51		1,180.69
Summit Branch Railroad Company, . .	310,523.50	138,765.83	
	<u>\$2,378,537.02</u>		

T. P. HAVILAND, *Treasurer.*



# THE SUMMIT BRANCH RAILROAD COMPANY. THE LYKENS VALLEY COAL COMPANY.

The above named companies being separate corporations, with interests not entirely identical, their accounts and results are separately kept and stated in their respective annual reports hereinbefore set forth. But as their mining and product is similar, and it is convenient for reference and comparison with results in other districts to have all operations in the Lykens Valley combined and their general averages ascertained, the following combined statement of the results and averages of both Companies taken together has been prepared, and is here given :—

## PRODUCTION AND SHIPMENTS.

	Tons. Cwt.
Shipped by Pennsylvania Canal, . . . . .	14,744.17
Shipped south by Northern Central Railway, . . . . .	137,700.09
Shipped west by Pennsylvania and Philadelphia and Erie Railways, . . . . .	2,887.06
Shipped east by Pennsylvania Railroad, . . . . .	248,725.15
Shipped to South Amboy, . . . . .	121,607.01
Retail sales by Company's officers, . . . . .	17,551.19
Total shipments and retail sales, . . . . .	543,217.07
	Tons. Cwt.
Coal in stock at Millersburg, December 31, 1884, . . . . .	9,901.12
Coal in stock at Millersburg, December 31, 1883, . . . . .	2,627.04
Increase in stocked coal, . . . . .	7,274.08
Less overrun in car weights, . . . . .	23.12
	7,250.16
Total effective production in 1884, . . . . .	550,468.03
Increased production in 1884 (6.21 per cent.), . . . . .	32,210.12



## COAL ON HAND.

December 31st:—

	1883. Tons. Cwt.	1884. Tons. Cwt.
Canton Pier, . . . . .	2,073.16	2,740.05
Millersburg, . . . . .	2,627.04	9,901.12
South Amboy, . . . . .	4,589.13	4,228.09
Greenwich, . . . . .	1,512.19	. . . .
	<u>10,803.12</u>	<u>16,870.06</u>
Increase in stock coal in 1884, . . . . .		<u>6,066.14</u>

## SALES.

	Tons. Cwt.
Sold by commission agents, . . . . .	527,647.02
Sold by Company's officers, . . . . .	17,551.19
Total sales in 1884, . . . . .	<u>545,199.01</u>

The commissions per ton on the whole quantity marketed, averaged  $17\frac{33}{100}$  cents, and included all expenses of sales and collections.

(The aggregate selling and collecting expenses of all coal from all companies under the same management, averaged per ton in 1884, 15.17 cents, against 15.24 cents in 1883.)

## RECEIPTS AND EXPENSES.

The gross receipts from sales were . . . . .	\$2,494,345.96
Less freights paid, . . . . .	\$862,841.54
Less shipping expenses, . . . . .	19,105.59
Less commissions, . . . . .	94,487.41
Less allowances, . . . . .	420.08
	<u>976,854.62</u>
Receipts at breakers, . . . . .	\$1,517,491.34
Receipts at breaker ( <i>Carried forward</i> ),	\$1,517,491.34

*Brought forward, \$1,517,491.34*

EXPENSES.—*Outside.*

	Cents per ton.	
Insurance . . . .	.00.35	\$1,914.67
Legal expenses, . . .	.00.17	942.49
Live stock, . . . .	.02.36	13,028.52
Office expenses, . . .	.00.32	1,784.24
Preparing coal, . . .	.20.09	110,598.25
Repairs and general ex- penses, . . . .	.14.86	81,799.89
Shops and repairs, . . .	.02.01	11,477.47
Stable expenses, . . .	.07.22	39,749.64
Stationery and printing, . .	.00.25	1,375.56
Superintendence and clerks, . . . .	.04.19	23,084.21
Taxes, . . . .	.01.64	9,032.66
		<hr/>
		\$294,787.60

EXPENSES.—*Inside.*

Air and gangways, . . .	.24.23	133,389.82
Cars, slope and drift, . . .	.02.77	15,244.15
Cross headings and chutes, . . . .	.07.97	43,900.22
Exhaustion of lands, . . .	.02.52	13,881.04
Hoisting and pumping, . . .	.11.95	65,828.57
Mining, . . . .	.52.50	289,028.96
Repairs and general ex- penses, . . . .	.59.66	328,422.97
Timber and props, . . .	.15.11	83,225.32
		<hr/>
		\$972,921.05

*Carried forward, \$1,267,708.65 \$1,517,491.34*

## IMPROVEMENTS AND GENERAL EXPENSES.

(*Charged to Mining.*)

*Brought forward*, \$1,267,708.65 \$1,517,491.34

Cars, . . . . .00.92 5,097.06

General improvements, . .12.21 67,263.99

Houses and house repairs, .00.05 315.67

Railroad iron, tires, &c., .02.71 14,960.93

\$87,637.65

Add increase in quantity and cost  
value of coal at mines and ship-

ping points, . . . . .19,885.22

Net profit from coal, . . . . .\$182,030.26

	1884.	1883.	Increase.	Decrease.
Average receipt per ton at mines, . . . . .	\$2.78	\$2.65	.13	. . .
Average cost per ton at mines, . . . . .	2.46	2.33	.13	. . .
Average profit per ton at mines, . . . . .	.32	.32	. . .	. . .

## INCIDENTAL RECEIPTS.

Rents, . . . . . \$3,308.84

Profit on supplies, . . . . . 24,422.43

Royalties, . . . . . 603.17

Incidentals, . . . . . 4.25

Net receipts from incidental sources, . . . \$28,338.69

Net receipts from coal as above, . . . 182,030.26

Net receipts from all sources, . . . \$210,368.95

Average net receipts from mining, per ton mined, .33 cents.

Average net receipts from all sources, per ton mined, .38.2  
cents.

The expenditures for improvements or construction averaged  $15\frac{9}{10}$  cents per ton of effective production (less Company's consumption), but were all charged to Mining Expenses. The total of those expenditures during the year, was \$87,637.65.

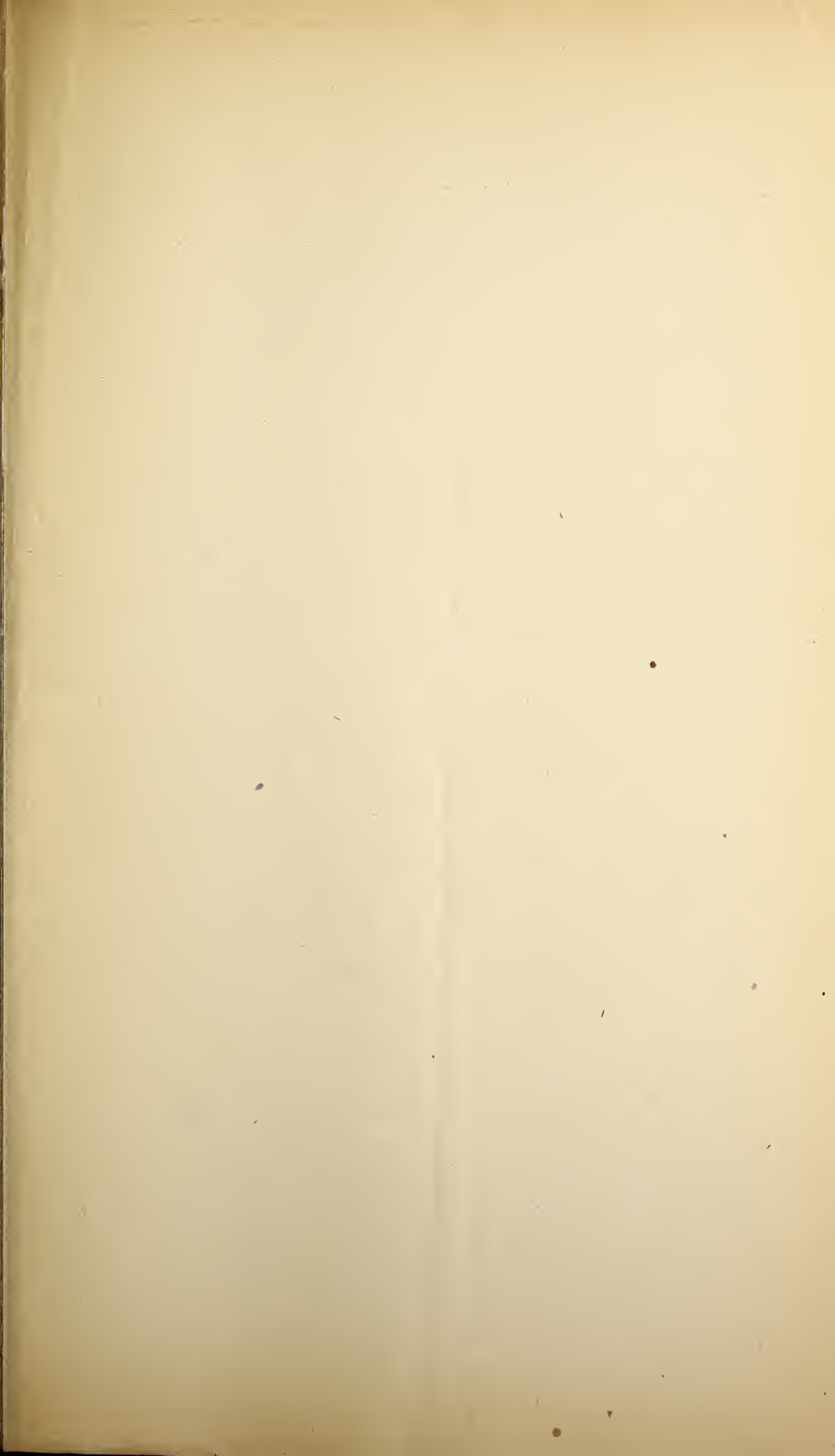
The amount paid for freight to the several transportation companies in the same interests were:—

To Pennsylvania Railroad Company, . . .	\$431,109.37
To Northern Central Railway Company, . .	415,259.25
To Pennsylvania Canal Co. (tolls and freight), .	16,472.92
	<u>\$862,841.54</u>

#### QUANTITY AND SIZES PRODUCED.

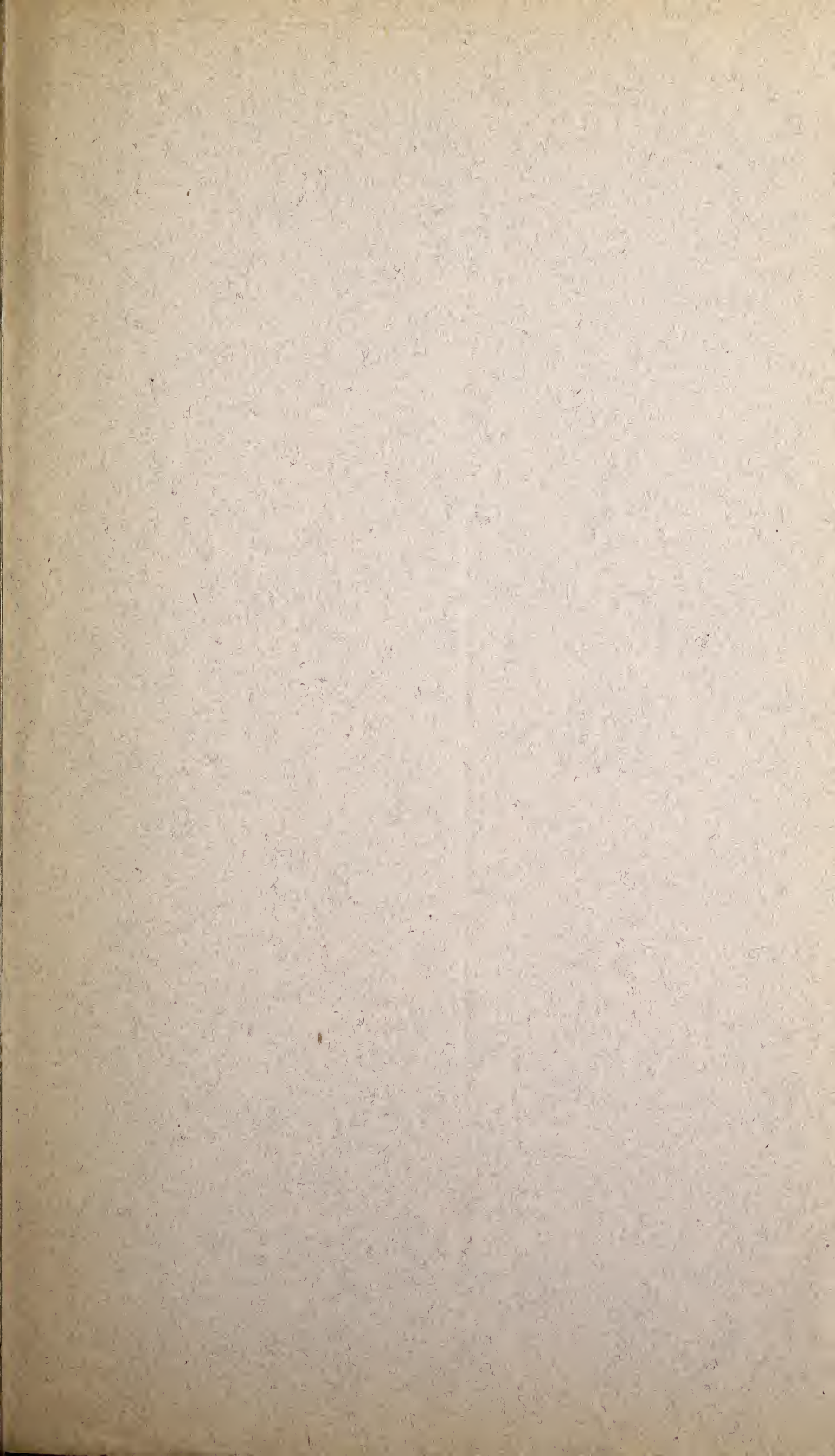
						Tons. Cwt.
Broken,	10.21 per cent., . . . . .					56,191.03
Egg,	21.46 " . . . . .					118,161.05
Stove,	25.46 " . . . . .					140,109.02
Chestnut,	16.52 " . . . . .					90,943.04
Pea,	17.59 " . . . . .					96,839.02
Buckwheat,	07.83 " . . . . .					43,122.18
Mixed,	00.93 " . . . . .					5,101.09
	<u>100.00</u>					<u>550,468.03</u>











APH